

A Study for Princess Line according to Body Type - Focused on H-body type and Y-body type -

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In clothing design, line plays an important role as it affects how clothing appears to consumers. Depending on how and where lines are utilized, they draw consumers eyes to different locations of the clothing greatly affecting characteristics of each design. because of different characteristics in each body type, same Princess lines will have varying degrees of effects on different body types. This study separated testers body shapes into specific body types, H, and Y by applying both the direct and the indirect measurements.

These designs were evaluated by using the point ranking system method, and then average scores were obtained from these evaluations.

Following are the results of the study:

1. These are the resulting illusion effects when the shoulder width of the Princess line was fixed. When the Princess line originated from 1/3 point of the armhole, body types Y appeared to show narrow waist width. A-line silhouette appeared to display the narrowest shoulder width. When the Princess line originated from 2/3 point of the armhole, body types H and Y appeared to exhibit narrowest waist widths, and the A-line silhouette once again displayed the narrowest shoulder width. When the Princess line originated from 1/2 point of the armhole, body type H appeared to exhibit narrow width; and H-line silhouette displayed the narrowest shoulder width.
2. When the Princess lines waist width was fixed in order to study illusion effects of waist widths. In this experiment, locations of Princess lines and widths of the skirt were varied. When the waist width was fixed at 6.5 cm, For the H body type, the Princess line location of 1/3 point of the armhole in H-line silhouette design exhibited the narrowest waist width. For the Y body type in A-line silhouette design, the Princess line locations of 1/3 and 1/2 points of the armhole exhibited the narrowest waist width because it displayed the hourglass effect. When the waist width was fixed at 10 cm, H body type did not exhibit any significant differences between designs. For Y body type, A-line silhouette design with the Princess line origination point at 1/3 down the armhole exhibited the narrowest waist width.
3. The illusion effects of the hip were studied by fixating the width of the skirt and varying

the locations of Princess line and waist widths. In H-line skirt silhouette designs, all two body types exhibited narrow hips when the Princess line origination points were at 1/3 and 1/2 way down the armhole. For A-line skirt silhouette, H body type exhibited narrow hips when narrow waist design with the Princess line originating from 1/2 point in the shoulder was shown. Y body type exhibited narrow hips when narrow waist design with the Princess line originating from 1/3 point of the armhole and 2/3 point of the shoulder.

4. With both waist and skirt widths fixed, all two body types exhibited taller and slender postures when the Princess line originated from the shoulder compare to the armhole.