

Converting Colors

XYZ(67.6090, 56.8128, 63.7013)

Have a look what the booklet for
XYZ(67.6090, 56.8128, 63.7013)
contains.

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Color

**XYZ(67.7416, 57.0161,
63.9347)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB1CB
RGB	255, 177, 203
RGB Percent	100%, 69%, 80%
CMY	0.0000, 0.3059, 0.2039
CMYK	0.00, 0.31, 0.20, 0.00
HSL	340°, 100%, 85%
HSV	340°, 31%, 100%
XYZ	67.7416, 57.0161, 63.9347
YIQ	203.2860, 38.1420, 24.6220

Conversions

Conversions Part 2

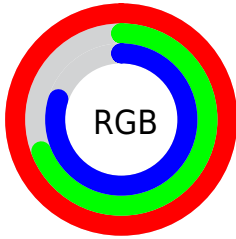
Format	Color
R _Y B	255, 177, 203
Decimal	16757195
CIE Lab	80.19, 32.02, -1.63
CIE LCh	80, 32.060, 357.077
Yxy	57.0161, 0.3590, 0.3022
Android (android.graphics.Color)	4294947275 (0xFFFFB1CB)
YUV	203.2860, -0.1410, 45.3532
Hunter-Lab	75.5090, 27.9974, 2.6545

Details

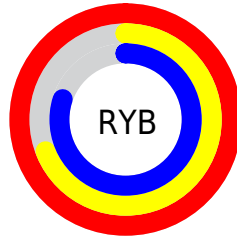
The XYZ color **67.7416, 57.0161, 63.9347** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **68.0365, 86.5253, 87.2478**, and the grayscale version is **56.9298, 59.8946, 65.2252**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **35.6584, 28.4555, 32.0468** is the 20% darker color. If you saturate the color by 10%, you get **61.2512, 47.1017, 52.3177**, and if you desaturate by 10%, it is **75.3981, 68.9065, 77.0380**.

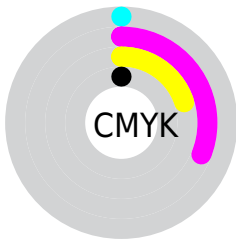
Distribution



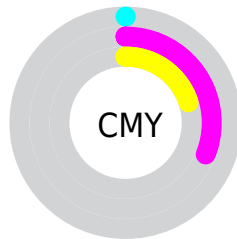
- Red (100%)
- Green (69%)
- Blue (80%)



- Red (100%)
- Yellow (69%)
- Blue (80%)



- Cyan (0%)
- Magenta (31%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.7416, 57.0161, 63.9347 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 67.7416, 57.0161, 63.9347 by changing the saturation by 10% instead.

67.7416, 57.0161,
63.9347

67.7416, 57.0161,
63.9347

441.9710,
413.5096, 457.1548

49.9605, 41.0182,
46.1519

115.0263,
100.4887, 112.1155

35.5996, 28.3333,
32.0162

145.2607,
128.7321, 143.3505

24.2938, 18.5770,
21.1090

180.3767,
161.8262, 179.9068

15.6776, 11.3651,
13.0117

220.7399,
200.1553, 222.2028

9.3857, 6.3129,
7.3057

266.7156,
244.1037, 270.6570

5.0527, 3.0363,
3.5727

318.6691,

2.3133, 1.1507,

294.0560, 325.6881

1.3940

376.9658,
350.3965, 387.7145

■ 0.8015, 0.0209,
0.1370

■ 0.0000, 0.0000,
0.0000

■ 67.7416, 57.0161,
63.9347

■ 67.7416, 57.0161,
63.9347

■ 61.2512, 47.1017,
52.3177

■ 75.3981, 68.9065,
77.0380

■ 55.8630, 39.0479,
42.1283

■ 84.2717, 82.8649,
91.6761

■ 51.5132, 32.7387,
33.3091

■ 94.4154, 98.9868,
107.8996

■ 48.1295, 28.0422,
25.7965

■ 95.0500, 100.0000,
108.9000

■ 45.6294, 24.8071,
19.5216

■ 43.9155, 22.8530,
14.4071

■ 42.8793, 21.9157,
10.5623

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.4443, 57.0161, 83.7769



67.7416, 57.0161, 63.9347



66.1739, 57.0161, 47.0922

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.7416, 57.0161, 63.9347



48.6688, 57.0161, 35.2250



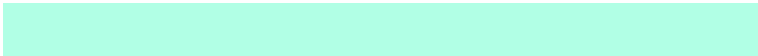
47.6426, 57.0161, 97.4715

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.7416, 57.0161, 63.9347



68.0365, 86.5253, 87.2478

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43.7517, 57.0161, 79.9538



67.7416, 57.0161, 63.9347



44.3098, 57.0161, 44.4968

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.7416, 57.0161, 63.9347



54.8356, 57.0161, 32.6194



42.5817, 57.0161, 60.2632



53.5536, 57.0161, 105.4260

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.7416, 57.0161, 63.9347



63.2120, 57.0161, 39.2725



42.5817, 57.0161, 60.2632



46.0738, 57.0161, 92.3534

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67.7430, 57.0187, 63.9359



85.7942, 85.2748, 94.1417



66.0872, 55.3252, 101.8034



18.0642, 17.7786, 19.6657



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.7430, 57.0187, 63.9359



63.4489, 50.4376, 56.3164



67.5911, 61.2638, 49.8610



18.2591, 18.0869, 19.9814



22.4669, 11.4760, 5.8431



2.2358, 1.1367, 0.8231

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



67.7430, 57.0187, 63.9359



63.4489, 50.4376, 56.3164



67.9354, 80.0728, 106.4828



18.2591, 18.0869, 19.9814



22.4669, 11.4760, 5.8431



2.2358, 1.1367, 0.8231

Previews

White Background



This preview shows how the XYZ color 67.7416, 57.0161, 63.9347 looks on a white background.

Color Contrast Check

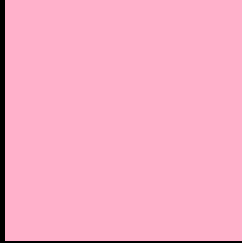
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 67.7416, 57.0161, 63.9347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

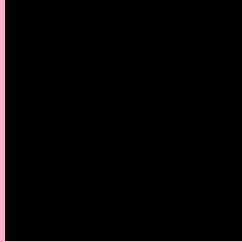
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.7416, 57.0161, 63.9347

Background



This preview shows how black text looks on a background with the XYZ color 67.7416, 57.0161, 63.9347.



This preview shows how white text looks on a background with the XYZ color 67.7416, 57.0161,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.7416, 57.0161, 63.9347

Protanopia

55.8775, 57.3518, 73.0907

Deuteranopia

58.4087, 57.2155, 62.6088



Tritanopia

66.5076, 57.1168, 57.3885

Trichromacy



Original Color

67.7416, 57.0161, 63.9347



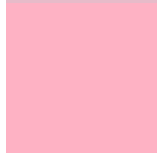
Protanomaly

59.3847, 56.5901, 69.4211



Deuteranomaly

61.2679, 56.7466, 62.9824



Tritanomaly

66.7573, 56.8971, 59.6883

Monochromacy



Original Color

67.7416, 57.0161, 63.9347



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

60.1955, 58.4250, 64.6044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7416, 57.0161, 63.9347 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 177, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 203)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 177, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 203) }
```

Border

The CSS property to change the border of an element to XYZ 67.7416, 57.0161, 63.9347 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 177, 203) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 177, 203) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 177, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7416, 57.0161, 63.9347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 203) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
177, 203) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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