

Converting Colors

XYZ(68.1652, 57.3467, 65.6685)

Have a look what the booklet for
XYZ(68.1652, 57.3467, 65.6685)
contains.

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Color

**XYZ(68.3010, 57.5570,
65.9023)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB2CE
RGB	255, 178, 206
RGB Percent	100%, 70%, 81%
CMY	0.0000, 0.3019, 0.1922
CMYK	0.00, 0.30, 0.19, 0.00
HSL	338°, 100%, 85%
HSV	338°, 30%, 100%
XYZ	68.3010, 57.5570, 65.9023
YIQ	204.2150, 36.9040, 25.0320

Conversions

Conversions Part 2

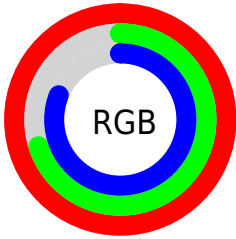
Format	Color
R _Y B	255, 178, 206
Decimal	16757454
CIE Lab	80.49, 31.94, -2.81
CIE LCh	80, 32.061, 354.967
Yxy	57.5570, 0.3562, 0.3002
Android (android.graphics.Color)	4294947534 (0xFFFFB2CE)
YUV	204.2150, 0.8800, 44.5384
Hunter-Lab	75.8663, 27.9340, 1.6034

Details

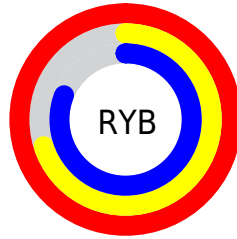
The XYZ color **68.3010, 57.5570, 65.9023** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.9873, 86.5320, 85.7956**, and the grayscale version is **57.5099, 60.5049, 65.8899**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **35.9011, 28.5526, 33.3248** is the 20% darker color. If you saturate the color by 10%, you get **61.8200, 47.5889, 54.5125**, and if you desaturate by 10%, it is **75.9312, 69.4976, 78.6809**.

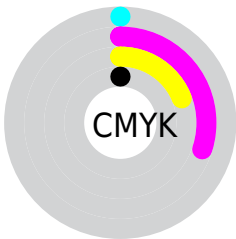
Distribution



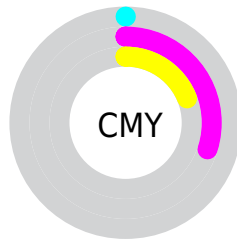
- Red (100%)
- Green (70%)
- Blue (81%)



- Red (100%)
- Yellow (70%)
- Blue (81%)



- Cyan (0%)
- Magenta (30%)
- Yellow (19%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.3010, 57.5570, 65.9023 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 68.3010, 57.5570, 65.9023 by changing the saturation by 10% instead.


 68.3010, 57.5570,
65.9023

 68.3010, 57.5570,
65.9023


443.9218,
415.5332, 464.4221

 50.4172, 41.4526,
47.7371


 115.8222,
101.2775, 114.9718

 35.9642, 28.6729,
33.2602


146.1903,
129.6623, 146.7131

 24.5765, 18.8335,
22.0531


181.4506,
162.9095, 183.8169

 15.8889, 11.5500,
13.6973

221.9684,
201.4033, 226.7018

 9.5359, 6.4381,
7.7741

268.1090,
245.5282, 275.7862

 5.1522, 3.1133,
3.8650


320.2379,

 2.3725, 1.1911,


295.6685, 331.4887


1.5516


378.7204,
352.2087, 394.2278


 0.8314, 0.0545,
0.2559


 0.0000, 0.0000,
0.0000


 68.3010, 57.5570,
65.9023


 68.3010, 57.5570,
65.9023

 61.8200, 47.5889,
54.5125


 75.9312, 69.4976,
78.6809

 56.4258, 39.4786,
44.4583

 84.7609, 83.5020,
92.8919

 52.0559, 33.1111,
35.6877

94.8421, 99.6651,
108.5813

 48.6392, 28.3555,
28.1434

95.0500, 100.0000,
108.9000

■ 46.0951, 25.0618,
21.7632

■ 44.3283, 23.0517,
16.4775

■ 43.2033, 22.0453,
12.2687

Harmonies

Analogous

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



65.7328, 57.5570, 85.8542



68.3010, 57.5570, 65.9023



66.9952, 57.5570, 48.5867

Triad

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



68.3010, 57.5570, 65.9023



49.5380, 57.5570, 35.2280



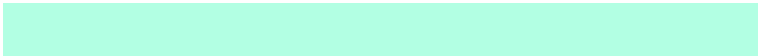
47.7605, 57.5570, 97.2649

Complementary

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



68.3010, 57.5570, 65.9023



67.9873, 86.5320, 85.7956

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.



44.0201, 57.5570, 79.2410



68.3010, 57.5570, 65.9023



44.9873, 57.5570, 44.0871

Square

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



68.3010, 57.5570, 65.9023



55.8236, 57.5570, 33.0629



43.0468, 57.5570, 59.5447



53.6039, 57.5570, 106.1339

Rectangle

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



68.3010, 57.5570, 65.9023



64.1540, 57.5570, 40.3936



43.0468, 57.5570, 59.5447



46.2347, 57.5570, 91.9203

Sweetspot

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



68.3023, 57.5595, 65.9035



85.8976, 85.3161, 94.6862



65.5773, 55.3566, 101.8363



18.0896, 17.7887, 19.7992



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.



68.3023, 57.5595, 65.9035



64.4025, 51.5374, 59.1238



67.3179, 60.5574, 50.2634



18.2823, 18.0962, 20.1039



22.6398, 11.5452, 6.7535



2.2546, 1.1442, 0.9221

Inverse Universe

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



68.3023, 57.5595, 65.9035



64.4025, 51.5374, 59.1238



68.9835, 81.8298, 106.7666



18.2823, 18.0962, 20.1039



22.6398, 11.5452, 6.7535



2.2546, 1.1442, 0.9221

Previews

White Background



This preview shows how the XYZ color 68.3010, 57.5570, 65.9023 looks on a white background.

Color Contrast Check

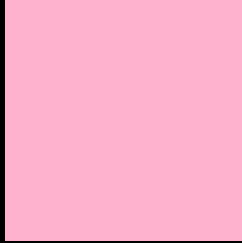
Large Text (above 18pt) WCAG AA × Fail

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 68.3010, 57.5570, 65.9023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

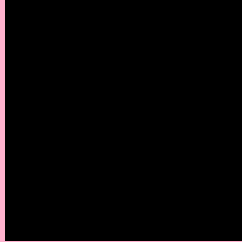
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.3010, 57.5570, 65.9023

Background



This preview shows how black text looks on a background with the XYZ color 68.3010, 57.5570, 65.9023.



This preview shows how white text looks on a background with the XYZ color 68.3010, 57.5570,

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

68.3010, 57.5570, 65.9023

Protanopia

56.4983, 57.9671, 75.2288

Deuteranopia

58.9847, 57.8008, 64.5478



Tritanopia

66.9319, 57.6084, 58.6308

Trichromacy



Original Color

68.3010, 57.5570, 65.9023

Protanomaly

59.9818, 57.1767, 71.4932

Deuteranomaly

61.8373, 57.3150, 64.9305

Tritanomaly

67.1862, 57.3882, 60.9620

Monochromacy



Original Color

68.3010, 57.5570, 65.9023

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

60.9660, 59.1260, 65.9568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3010, 57.5570, 65.9023 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, 178, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 206)  
}
```

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, 178, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 206) }
```

Border

The CSS property to change the border of an element to XYZ 68.3010, 57.5570, 65.9023 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, 178, 206) }
```


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

```
.border{ border-color:rgb(255, 178, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3010, 57.5570, 65.9023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 206) }
```

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

```
.background{ background-color: rgb(255,  
178, 206) }
```

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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