

Converting Colors

XYZ(66.0286, 56.9419, 68.1508)

Have a look what the booklet for
XYZ(66.0286, 56.9419, 68.1508)
contains.

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Color

**XYZ(65.8359, 56.8388,
67.8227)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B4D1
RGB	246, 180, 209
RGB Percent	96%, 71%, 82%
CMY	0.0353, 0.2941, 0.1804
CMYK	0.00, 0.27, 0.15, 0.04
HSL	334°, 79%, 84%
HSV	334°, 27%, 96%
XYZ	65.8359, 56.8388, 67.8227
YIQ	203.0400, 30.0270, 23.0110

Conversions

Conversions Part 2

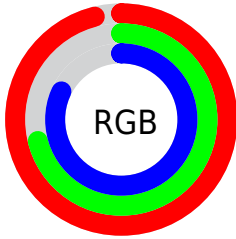
Format	Color
R _Y B	246, 180, 209
Decimal	16168145
CIE Lab	80.09, 28.22, -5.14
CIE LCh	80, 28.684, 349.687
Yxy	56.8388, 0.3456, 0.2984
Android (android.graphics.Color)	4294358225 (0xFFF6B4D1)
YUV	203.0400, 2.9383, 37.6759
Hunter-Lab	75.3915, 23.9406, -0.5636

Details

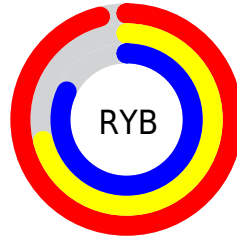
The XYZ color **65.8359, 56.8388, 67.8227** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.3049, 80.6260, 77.8225**, and the grayscale version is **56.7602, 59.7161, 65.0309**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **34.4920, 28.3641, 34.6672** is the 20% darker color. If you saturate the color by 10%, you get **59.6693, 47.1206, 57.7042**, and if you desaturate by 10%, it is **73.0349, 68.3839, 79.0159**.

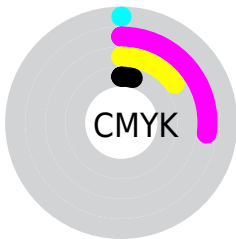
Distribution



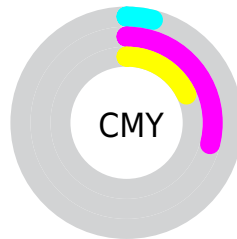
- Red (96%)
- Green (71%)
- Blue (82%)



- Red (96%)
- Yellow (71%)
- Blue (82%)



- Cyan (0%)
- Magenta (27%)
- Yellow (15%)
- Black (4%)





- Cyan (4%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.8359, 56.8388, 67.8227 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 65.8359, 56.8388, 67.8227 by changing the saturation by 10% instead.


 65.8359, 56.8388,
67.8227

 65.8359, 56.8388,
67.8227


435.2877,
412.8450, 471.4486

 48.4064, 40.8758,
49.2877


 112.3098,
100.2299, 117.7503

 34.3614, 28.2221,
34.4806


142.0849,
128.4269, 149.9800

 23.3356, 18.4931,
22.9827


176.7060,
161.4706, 187.6116

 14.9636, 11.3046,
14.3755

216.5383,
199.7456, 231.0638

 8.8800, 6.2721,
8.2406

261.9473,
243.6361, 280.7551

 4.7195, 3.0112,
4.1593

313.2983,

 2.1167, 1.1376,

293.5266, 337.1039

1.7131

370.9566,
349.8014, 400.5289

■ 0.6983, 0.0098,
0.3697

■ 0.0000, 0.0000,
0.0000

■ 65.8359, 56.8388,
67.8227

■ 65.8359, 56.8388,
67.8227

■ 59.6693, 47.1206,
57.7042

■ 73.0349, 68.3839,
79.0159

■ 54.4799, 39.1268,
48.6218

■ 81.3081, 81.8359,
91.3137

■ 50.2146, 32.7567,
40.5393

■ 90.7011, 97.2794,
104.7489

■ 46.8128, 27.8958,
33.4165

■ 91.8163, 98.3330,
108.7487

■ 44.2064, 24.4145,
27.2097

■ 42.3159, 22.1608,
21.8706

■ 41.0412, 20.9425,
17.3425

■ 40.7174, 20.6774,
16.0554

Harmonies

Analogous

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



63.0422, 56.8388, 85.1009



65.8359, 56.8388, 67.8227



65.2957, 56.8388, 51.6779

Triad

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



65.8359, 56.8388, 67.8227



50.3299, 56.8388, 36.2874



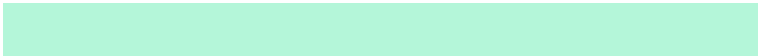
47.0825, 56.8388, 89.7776

Complementary

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



65.8359, 56.8388, 67.8227



64.3049, 80.6260, 77.8225

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.



44.1296, 56.8388, 73.3609



65.8359, 56.8388, 67.8227



45.9089, 56.8388, 43.3337

Square

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



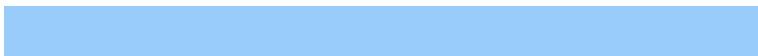
65.8359, 56.8388, 67.8227



56.0580, 56.8388, 35.3432



43.7161, 56.8388, 56.3096



52.0390, 56.8388, 99.2066

Rectangle

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



65.8359, 56.8388, 67.8227



63.1295, 56.8388, 43.5460



43.7161, 56.8388, 56.3096



45.8383, 56.8388, 84.7688

Sweetspot

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



65.8375, 56.8414, 67.8239



87.0968, 86.9530, 97.4335



61.3657, 53.9439, 94.3673



18.3409, 18.1197, 20.4122



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.



65.8375, 56.8414, 67.8239



67.8002, 55.9167, 67.7046



63.2417, 56.8817, 50.8293



16.8016, 16.6035, 18.7016



21.8010, 11.0638, 8.9266



1.9668, 0.9927, 1.0517

Inverse Universe

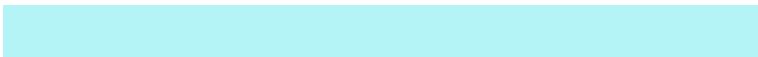
The Inverse Universe completely reimagines the original color for something new.



65.8375, 56.8414, 67.8239



67.8002, 55.9167, 67.7046



67.4196, 80.2802, 99.1316



16.8016, 16.6035, 18.7016



21.8010, 11.0638, 8.9266



1.9668, 0.9927, 1.0517

Previews

White Background



This preview shows how the XYZ color 65.8359, 56.8388, 67.8227 looks on a white background.

Color Contrast Check

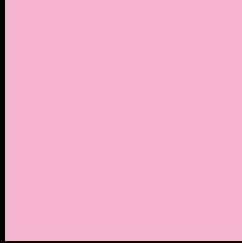
Large Text (above 18pt) WCAG AA × Fail

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 65.8359, 56.8388, 67.8227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

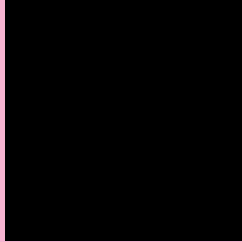
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8359, 56.8388, 67.8227

Background



This preview shows how black text looks on a background with the XYZ color 65.8359, 56.8388, 67.8227.



This preview shows how white text looks on a background with the XYZ color 65.8359, 56.8388,

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

65.8359, 56.8388, 67.8227

Protanopia

55.8773, 57.2912, 75.8234

Deuteranopia

58.3568, 57.0920, 66.9756



Tritanopia

64.0000, 56.6745, 59.7907

Trichromacy



Original Color

65.8359, 56.8388, 67.8227



Protanomaly

58.7570, 56.5156, 72.7775



Deuteranomaly

60.7324, 56.6893, 67.4157



Tritanomaly

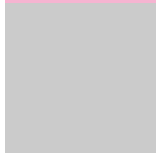
64.7227, 56.6773, 62.7869

Monochromacy



Original Color

65.8359, 56.8388, 67.8227



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

59.7480, 58.4981, 65.8998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8359, 56.8388, 67.8227 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(246, 180, 209)` looks like.

```
.text, #text, p{  
    color:rgb(246, 180, 209)  
}
```

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(246, 180, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 180, 209) }
```

Border

The CSS property to change the border of an element to XYZ 65.8359, 56.8388, 67.8227 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(246, 180, 209) }
```


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

```
.border{ border-color:rgb(246, 180, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 180, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 180, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 180, 209);  
box-shadow:4px 4px 4px 4px rgb(246, 180,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8359, 56.8388, 67.8227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 180, 209) }
```

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

```
.background{ background-color: rgb(246,  
180, 209) }
```

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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