

Converting Colors

XYZ(65.8788, 57.8449, 61.3415)

Have a look what the booklet for
XYZ(65.8788, 57.8449, 61.3415)
contains.

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Color

**XYZ(65.8379, 57.9006,
61.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	F8B7C6
RGB	248, 183, 198
RGB Percent	97%, 72%, 78%
CMY	0.0274, 0.2823, 0.2235
CMYK	0.00, 0.26, 0.20, 0.03
HSL	346°, 82%, 85%
HSV	346°, 26%, 97%
XYZ	65.8379, 57.9006, 61.1320
YIQ	204.1450, 33.9250, 18.4450

Conversions

Conversions Part 2

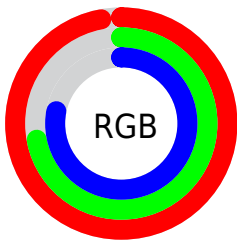
Format	Color
R _Y B	248, 183, 198
Decimal	16299974
CIE Lab	80.68, 25.66, 1.70
CIE LCh	81, 25.718, 3.796
Yxy	57.9006, 0.3561, 0.3132
Android (android.graphics.Color)	4294490054 (0xFF8B7C6)
YUV	204.1450, -3.0295, 38.4608
Hunter-Lab	76.0924, 21.2828, 5.6316

Details

The XYZ color **65.8379, 57.9006, 61.1320** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.8062, 83.0867, 89.5583**, and the grayscale version is **57.4910, 60.4850, 65.8682**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **34.5025, 29.0552, 30.1753** is the 20% darker color. If you saturate the color by 10%, you get **59.1025, 47.7321, 48.7052**, and if you desaturate by 10%, it is **73.7550, 69.9877, 75.3216**.

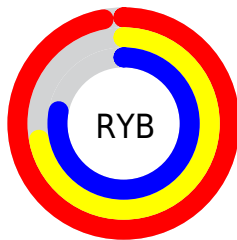
Distribution



Red (97%)

Green (72%)

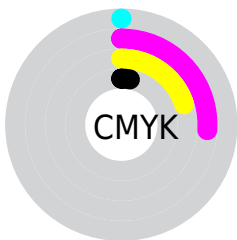
Blue (78%)



Red (97%)

Yellow (72%)

Blue (78%)

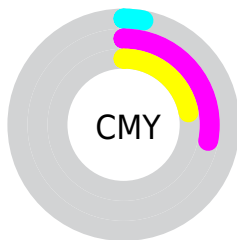


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (3%)



Cyan (3%)


Magenta (28%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.8379, 57.9006, 61.1320 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 65.8379, 57.9006, 61.1320 by changing the saturation by 10% instead.


 65.8379, 57.9006,
61.1320

 65.8379, 57.9006,
61.1320


435.2947,
416.8154, 446.6778

 48.4080, 41.7287,
43.9005


 112.3127,
101.7781, 108.0294

 34.3627, 28.8889,
30.2556


142.0883,
130.2525, 138.5324

 23.3366, 18.9968,
19.7790

176.7099,
163.5966, 174.2963

 14.9643, 11.6680,
12.0520

216.5428,
202.1947, 215.7395

 8.8805, 6.5180,
6.6561

261.9524,
246.4313, 263.2808

 4.7198, 3.1626,
3.1728


313.3040,


 2.1169, 1.2172,


296.6906, 317.3386

1.1836


370.9630,
353.3572, 378.3314

 0.6984, 0.0757,
0.0000


 0.0000, 0.0000,
0.0000


 65.8379, 57.9006,
61.1320

 65.8379, 57.9006,
61.1320


 59.1025, 47.7321,
48.7052


 73.7550, 69.9877,
75.3216

 53.4864, 39.3756,
37.9677

 82.9024, 84.0769,
91.3362

 48.9286, 32.7261,
28.8462

 92.5216, 98.6966,
108.7817

 45.3604, 27.6645,
21.2602

■ 42.7045, 24.0565,
15.1221

■ 40.8715, 21.7452,
10.3347

■ 39.7521, 20.5361,
6.7871

■ 39.4556, 20.2542,
5.7293

Harmonies

Analogous

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



64.6897, 57.9006, 76.8266



65.8379, 57.9006, 61.1320



63.9414, 57.9006, 48.1664

Triad

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



65.8379, 57.9006, 61.1320



49.5579, 57.9006, 41.7711



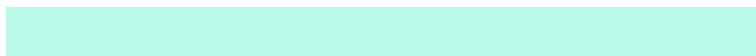
50.6552, 57.9006, 93.0156

Complementary

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



65.8379, 57.9006, 61.1320



67.8062, 83.0867, 89.5583

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.



46.9926, 57.9006, 80.7071



65.8379, 57.9006, 61.1320



46.3881, 57.9006, 51.0169

Square

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



65.8379, 57.9006, 61.1320



54.3611, 57.9006, 38.1806



45.4797, 57.9006, 64.9953



55.7100, 57.9006, 96.8714

Rectangle

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



65.8379, 57.9006, 61.1320



61.2729, 57.9006, 42.3082



45.4797, 57.9006, 64.9953



49.2314, 57.9006, 89.6420

Sweetspot

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



65.8395, 57.9033, 61.1332



86.4593, 86.6980, 94.0765



67.4286, 57.9427, 96.4376



18.1810, 18.0557, 19.5705



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.



65.8395, 57.9033, 61.1332



66.5143, 56.1946, 58.4907



67.9921, 64.8409, 53.7350



17.4086, 17.2908, 18.7417



21.3579, 10.9589, 3.3270



2.0169, 1.0305, 0.5123

Inverse Universe

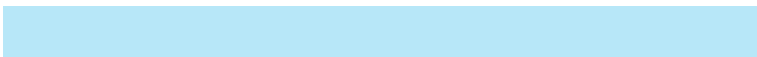
The Inverse Universe completely reimagines the original color for something new.



65.8395, 57.9033, 61.1332



66.5143, 56.1946, 58.4907



64.9565, 73.8119, 99.6310



17.4086, 17.2908, 18.7417



21.3579, 10.9589, 3.3270



2.0169, 1.0305, 0.5123

Previews

White Background



This preview shows how the XYZ color 65.8379, 57.9006, 61.1320 looks on a white background.

Color Contrast Check

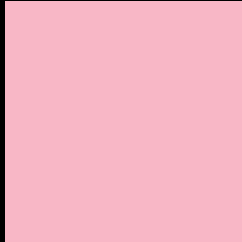
Large Text (above 18pt) WCAG AA × Fail

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 65.8379, 57.9006, 61.1320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

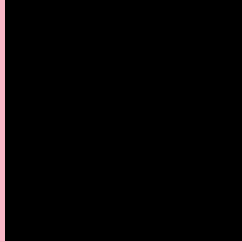
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8379, 57.9006, 61.1320

Background



This preview shows how black text looks on a background with the XYZ color 65.8379, 57.9006, 61.1320.

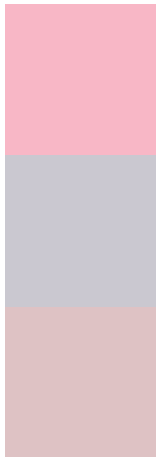


This preview shows how white text looks on a background with the XYZ color 65.8379, 57.9006,

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

65.8379, 57.9006, 61.1320

Protanopia

56.3966, 58.4192, 67.9781

Deuteranopia

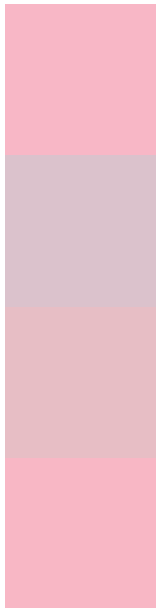
59.3798, 58.0987, 60.3091



Tritanopia

65.7229, 57.8546, 60.5264

Trichromacy



Original Color

65.8379, 57.9006, 61.1320

Protanomaly

59.4043, 58.0033, 65.1915

Deuteranomaly

61.4465, 57.8471, 60.7503

Tritanomaly

65.7229, 57.8546, 60.5264

Monochromacy



Original Color

65.8379, 57.9006, 61.1320

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.9158, 58.9598, 64.0996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8379, 57.9006, 61.1320 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(248, 183, 198)` looks like.

```
.text, #text, p{  
    color:rgb(248, 183, 198)  
}
```

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(248, 183, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 183, 198) }
```

Border

The CSS property to change the border of an element to XYZ 65.8379, 57.9006, 61.1320 is called "border". The border property can be set on classes, ids or directly on the HTML element.

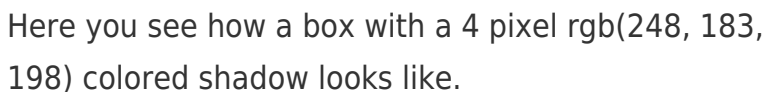
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(248, 183, 198) }
```


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

```
.border{ border-color:rgb(248, 183, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(248, 183, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 183, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 183, 198);  
box-shadow:4px 4px 4px 4px rgb(248, 183,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8379, 57.9006, 61.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 183, 198) }
```

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

```
.background{ background-color: rgb(248,  
183, 198) }
```

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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