

Converting Colors

XYZ(65.4795, 57.6518, 51.8050)

Have a look what the booklet for
XYZ(65.4795, 57.6518, 51.8050)
contains.

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Color

**XYZ(65.3163, 57.5287,
51.9176)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB6B6
RGB	252, 182, 182
RGB Percent	99%, 71%, 71%
CMY	0.0118, 0.2863, 0.2863
CMYK	0.00, 0.28, 0.28, 0.01
HSL	0°, 92%, 85%
HSV	0°, 28%, 99%
XYZ	65.3163, 57.5287, 51.9176
YIQ	202.9300, 41.7200, 14.8400

Conversions

Conversions Part 2

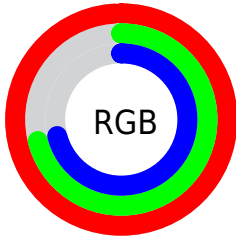
Format	Color
R _Y B	252, 182, 182
Decimal	16561846
CIE Lab	80.48, 25.38, 10.09
CIE LCh	80, 27.316, 21.677
Yxy	57.5287, 0.3737, 0.3292
Android (android.graphics.Color)	4294751926 (0xFFFCB6B6)
YUV	202.9300, -10.3185, 43.0344
Hunter-Lab	75.8477, 20.9820, 12.5095

Details

The XYZ color **65.3163, 57.5287, 51.9176** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6714, 86.5915, 105.0320**, and the grayscale version is **56.7665, 59.7228, 65.0381**.

A 20% lighter version of the original color is **87.2472, 88.5821, 93.3886**, and **34.0608, 28.7548, 24.5239** is the 20% darker color. If you saturate the color by 10%, you get **58.2383, 47.1720, 37.8451**, and if you desaturate by 10%, it is **73.7945, 69.9352, 68.7701**.

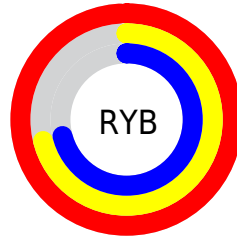
Distribution



Red (99%)

Green (71%)

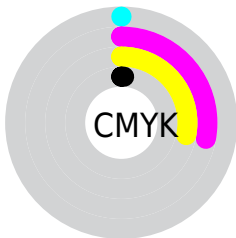
Blue (71%)



Red (99%)

Yellow (71%)

Blue (71%)

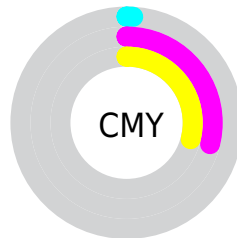


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (1%)



Cyan (1%)


Magenta (29%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3163, 57.5287, 51.9176 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 65.3163, 57.5287, 51.9176 by changing the saturation by 10% instead.


 65.3163, 57.5287,
51.9176

 65.3163, 57.5287,
51.9176


433.4550,
415.4275, 411.0663

 47.9833, 41.4299,
36.5576


 111.5677,
101.2362, 94.4350

 34.0248, 28.6551,
24.5721


141.2167,
129.6137, 122.4296

 23.0756, 18.8201,
15.5424


175.7017,
162.8528, 155.4727

 14.7704, 11.5403,
9.0501

215.3882,
201.3381, 193.9830

 8.7437, 6.4315,
4.6766

260.6414,
245.4537, 238.3790

 4.6301, 3.1092,
2.0034


311.8267,

 2.0644, 1.1890,


295.5843, 289.0791


0.5574


369.3094,
352.1140, 346.5021


 0.6698, 0.0527,
0.0000


 0.0000, 0.0000,
0.0000

 65.3163, 57.5287,
51.9176


 65.3163, 57.5287,
51.9176


 58.2383, 47.1720,
37.8451


 73.7945, 69.9352,
68.7701

 52.4810, 38.7474,
26.4000

 83.7377, 84.4848,
88.5370

 47.9640, 32.1375,
17.4205

 93.9550, 99.4355,
108.8488

 44.5960, 27.2092,
10.7256

■ 42.2737, 23.8108,
6.1094

■ 40.8749, 21.7638,
3.3291

■ 40.2367, 20.8297,
2.0607

■ 40.1452, 20.6959,
1.8788

Harmonies

Analogous

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



66.0492, 57.5287, 67.2130



65.3163, 57.5287, 51.9176



61.6369, 57.5287, 41.4138

Triad

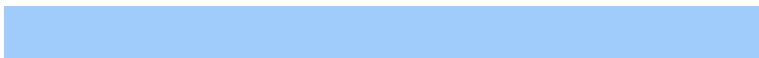
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.3163, 57.5287, 51.9176



46.6539, 57.5287, 45.3855



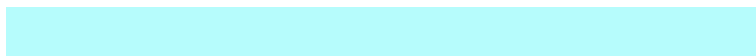
53.1343, 57.5287, 98.4041

Complementary

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



65.3163, 57.5287, 51.9176



71.6714, 86.5915, 105.0320

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.



48.2661, 57.5287, 90.1025



65.3163, 57.5287, 51.9176



44.6954, 57.5287, 58.2773

Square

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



65.3163, 57.5287, 51.9176



50.7950, 57.5287, 38.1153



45.2648, 57.5287, 74.7432



58.7568, 57.5287, 95.9154

Rectangle

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



65.3163, 57.5287, 51.9176



58.1372, 57.5287, 37.6734



45.2648, 57.5287, 74.7432



51.3613, 57.5287, 96.7384

Sweetspot

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



65.3178, 57.5314, 51.9188



85.7720, 86.4237, 90.4554



74.4439, 61.1802, 99.9810



18.0096, 17.9873, 18.6670



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.



65.3178, 57.5314, 51.9188



63.1121, 53.2659, 45.4081



73.4017, 73.6991, 54.6134



17.2448, 17.2254, 17.8783



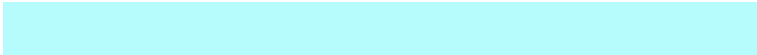
20.9121, 10.7808, 0.9787



1.9368, 0.9986, 0.0907

Inverse Universe

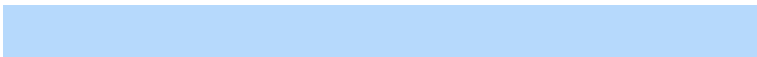
The Inverse Universe completely reimagines the original color for something new.



71.6714, 86.5915, 105.0320



70.5701, 87.3774, 107.7538



61.6755, 66.5997, 101.7001



17.7658, 19.6084, 22.2337



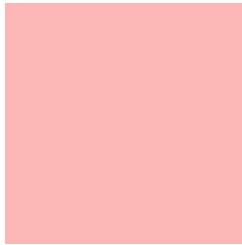
27.2831, 39.9217, 54.2412



2.5269, 3.6975, 5.0237

Previews

White Background



This preview shows how the XYZ color 65.3163, 57.5287, 51.9176 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 65.3163, 57.5287, 51.9176 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 65.3163, 57.5287, 51.9176

Background



This preview shows how black text looks on a background with the XYZ color 65.3163, 57.5287, 51.9176.



This preview shows how white text looks on a background with the XYZ color 65.3163, 57.5287,

51.9176.

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

65.3163, 57.5287, 51.9176

Protanopia

55.2810, 57.7302, 57.5196

Deuteranopia

58.9867, 57.7661, 51.2211



Tritanopia

66.5669, 57.4202, 58.6137

Trichromacy



Original Color

65.3163, 57.5287, 51.9176

Protanomaly

58.5785, 57.4587, 55.5802

Deuteranomaly

61.1302, 57.5643, 51.6052

Tritanomaly

66.3262, 57.6481, 56.3466

Monochromacy



Original Color

65.3163, 57.5287, 51.9176

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.1842, 58.3425, 59.7716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3163, 57.5287, 51.9176 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(252, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(252, 182, 182)  
}
```

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(252, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 182, 182) }
```

Border

The CSS property to change the border of an element to XYZ 65.3163, 57.5287, 51.9176 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(252, 182, 182) }
```


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

```
.border{ border-color:rgb(252, 182, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 182, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(252, 182,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3163, 57.5287, 51.9176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 182, 182) }
```

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

```
.background{ background-color: rgb(252,  
182, 182) }
```

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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