

Converting Colors

XYZ(64.7745, 61.0359, 53.7195)

Have a look what the booklet for
XYZ(64.7745, 61.0359, 53.7195)
contains.

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Color

**XYZ(64.9057, 61.0990,
53.7198)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C2B8
RGB	243, 194, 184
RGB Percent	95%, 76%, 72%
CMY	0.0471, 0.2392, 0.2784
CMYK	0.00, 0.20, 0.24, 0.05
HSL	10°, 71%, 84%
HSV	10°, 24%, 95%
XYZ	64.9057, 61.0990, 53.7198
YIQ	207.5110, 32.4140, 7.2780

Conversions

Conversions Part 2

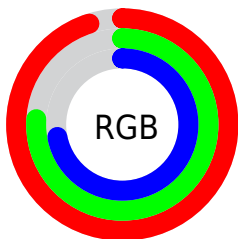
Format	Color
R _Y B	243, 196, 184
Decimal	15975096
CIE Lab	82.43, 16.03, 11.67
CIE LCh	82, 19.829, 36.071
Yxy	61.0990, 0.3611, 0.3400
Android (android.graphics.Color)	4294165176 (0xFFFF3C2B8)
YUV	207.5110, -11.5909, 31.1239
Hunter-Lab	78.1658, 11.4288, 13.9688

Details

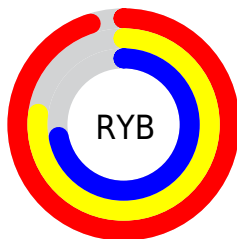
The XYZ color **64.9057, 61.0990, 53.7198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.0830, 74.9371, 95.8285**, and the grayscale version is **59.6971, 62.8060, 68.3957**.

A 20% lighter version of the original color is **91.4654, 96.5456, 96.2525**, and **33.7245, 30.8340, 25.6468** is the 20% darker color. If you saturate the color by 10%, you get **58.3840, 51.7876, 40.0398**, and if you desaturate by 10%, it is **72.4782, 71.8108, 69.9101**.

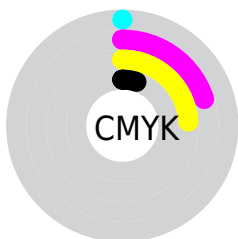
Distribution



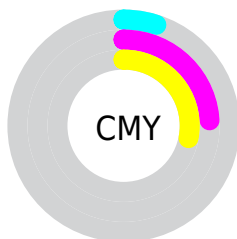
- Red (95%)
- Green (76%)
- Blue (72%)



- Red (95%)
- Yellow (77%)
- Blue (72%)



- Cyan (0%)
- Magenta (20%)
- Yellow (24%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.9057, 61.0990, 53.7198 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 64.9057, 61.0990, 53.7198 by changing the saturation by 10% instead.


 64.9057, 61.0990,
53.7198

 64.9057, 61.0990,
53.7198

432.0036,
428.6369, 418.1850

 47.6490, 44.3051,
37.9860


 110.9807,
106.4223, 97.1150

 33.7591, 30.9104,
25.6701


140.5298,
135.7204, 125.6134

 22.8706, 20.5306,
16.3535

174.9071,
169.9554, 159.2039

 14.6182, 12.7814,
9.6176

214.4779,
209.5116, 198.3049

 8.6364, 7.2782,
5.0439

259.6076,
254.7735, 243.3350

 4.5600, 3.6367,
2.2138

310.6615,

 2.0236, 1.4725,

306.1254, 294.7126

0.6823

368.0051,
363.9517, 352.8565

■ 0.6471, 0.2692,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.9057, 61.0990,
53.7198

■ 64.9057, 61.0990,
53.7198

■ 58.3840, 51.7876,
40.0398

■ 72.4782, 71.8108,
69.9101

■ 52.8613, 43.8103,
28.7403

■ 81.1403, 83.9689,
88.7238

■ 48.2889, 37.1081,
19.6857

■ 90.6271, 97.5044,
108.6514

■ 44.6119, 31.6144,
12.7252

■ 90.7723, 97.7948,
108.6998

■ 41.7696, 27.2559,
7.6893

■ 39.6933, 23.9518,
4.3819

■ 38.3027, 21.6097,
2.5643

■ 37.7624, 20.6549,
1.9965

Harmonies

Analogous

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



66.5513, 61.0990, 64.0907



64.9057, 61.0990, 53.7198



61.4383, 61.0990, 47.4076

Triad

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



64.9057, 61.0990, 53.7198



50.9439, 61.0990, 57.5094



58.9381, 61.0990, 92.5124

Complementary

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



64.9057, 61.0990, 53.7198



65.0830, 74.9371, 95.8285

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.



54.8325, 61.0990, 90.1978



64.9057, 61.0990, 53.7198



50.3468, 61.0990, 69.0230

Square

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



64.9057, 61.0990, 53.7198



53.4095, 61.0990, 49.4023



51.7370, 61.0990, 81.2220



62.9998, 61.0990, 87.2105

Rectangle

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



64.9057, 61.0990, 53.7198



58.6325, 61.0990, 45.8692



51.7370, 61.0990, 81.2220



57.5166, 61.0990, 92.6070

Sweetspot

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



64.9073, 61.1018, 53.7211



87.7602, 89.8076, 92.9449



68.8350, 59.2291, 85.0205



18.6560, 19.0426, 19.6146



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.



64.9073, 61.1018, 53.7211



68.7863, 62.9995, 52.2777



72.0912, 75.4696, 56.1157



16.7262, 16.9365, 17.1851



20.7911, 11.4677, 1.1177



1.8909, 1.1350, 0.1194

Inverse Universe

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



65.0830, 74.9371, 95.8285



69.0070, 80.8283, 106.5721



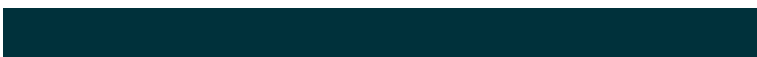
57.4592, 59.6896, 93.2872



16.7436, 18.2515, 21.1830



20.5311, 26.8560, 50.6397



1.8664, 2.4841, 4.4714

Previews

White Background



This preview shows how the XYZ color 64.9057, 61.0990, 53.7198 looks on a white background.

Color Contrast Check

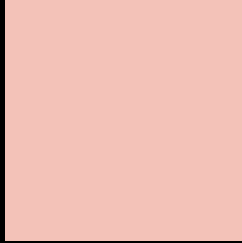
Large Text (above 18pt) WCAG AA × Fail

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 64.9057, 61.0990, 53.7198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

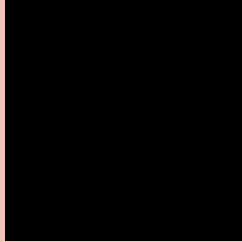
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9057, 61.0990, 53.7198

Background



This preview shows how black text looks on a background with the XYZ color 64.9057, 61.0990, 53.7198.



This preview shows how white text looks on a background with the XYZ color 64.9057, 61.0990,

53.7198.

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

64.9057, 61.0990, 53.7198

Protanopia

58.5662, 61.5265, 57.5042

Deuteranopia

62.3456, 61.1307, 53.3132



Tritanopia

67.4276, 61.1303, 66.6380

Trichromacy



Original Color

64.9057, 61.0990, 53.7198

Protanomaly

60.7042, 61.2514, 56.2002

Deuteranomaly

63.4385, 61.3559, 53.2991

Tritanomaly

66.3509, 61.0096, 61.7050

Monochromacy



Original Color

64.9057, 61.0990, 53.7198

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.4835, 62.2075, 62.7996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9057, 61.0990, 53.7198 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(243, 194, 184)` looks like.

```
.text, #text, p{  
    color:rgb(243, 194, 184)  
}
```

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(243, 194, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 194, 184) }
```

Border

The CSS property to change the border of an element to XYZ 64.9057, 61.0990, 53.7198 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(243, 194, 184) }
```


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

```
.border{ border-color:rgb(243, 194, 184) }
```

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

Here you see how a box with a 4 pixel rgb(243, 194, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 194, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 194, 184);  
box-shadow:4px 4px 4px 4px rgb(243, 194,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9057, 61.0990, 53.7198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 194, 184) }
```

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

```
.background{ background-color: rgb(243,  
194, 184) }
```

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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