

Converting Colors

XYZ(67.2387, 63.6358, 59.7544)

Have a look what the booklet for
XYZ(67.2387, 63.6358, 59.7544)
contains.

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Color

**XYZ(67.2399, 63.5163,
59.7549)**

Conversions

Conversions Part 1

Format	Color
Hex	F4C6C2
RGB	244, 198, 194
RGB Percent	96%, 78%, 76%
CMY	0.0431, 0.2235, 0.2392
CMYK	0.00, 0.19, 0.20, 0.04
HSL	5°, 69%, 86%
HSV	5°, 20%, 96%
XYZ	67.2399, 63.5163, 59.7549
YIQ	211.2980, 28.7000, 8.5080

Conversions

Conversions Part 2

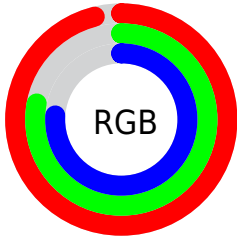
Format	Color
R _Y B	244, 198, 194
Decimal	16041666
CIE Lab	83.71, 15.72, 8.17
CIE LCh	84, 17.719, 27.474
Yxy	63.5163, 0.3529, 0.3334
Android (android.graphics.Color)	4294231746 (0xFFFF4C6C2)
YUV	211.2980, -8.5279, 28.6797
Hunter-Lab	79.6971, 11.1293, 11.3338

Details

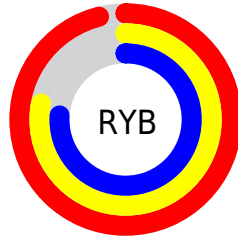
The XYZ color **67.2399, 63.5163, 59.7549** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.7367, 80.3191, 97.4160**, and the grayscale version is **62.1566, 65.3936, 71.2137**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **35.2004, 32.4048, 29.2104** is the 20% darker color. If you saturate the color by 10%, you get **59.9657, 52.9989, 44.9021**, and if you desaturate by 10%, it is **75.7279, 75.7401, 77.2335**.

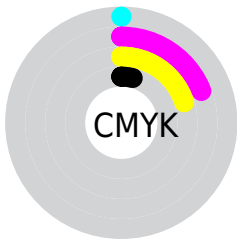
Distribution



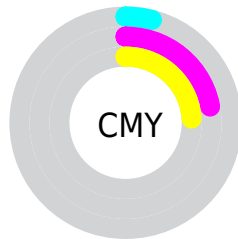
- Red (96%)
- Green (78%)
- Blue (76%)



- Red (96%)
- Yellow (78%)
- Blue (76%)



- Cyan (0%)
- Magenta (19%)
- Yellow (20%)
- Black (4%)





- Cyan (4%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.2399, 63.5163, 59.7549 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 67.2399, 63.5163, 59.7549 by changing the saturation by 10% instead.


 67.2399, 63.5163,
59.7549

 67.2399, 63.5163,
59.7549


440.2173,
437.4408, 441.4733

 49.5510, 46.2590,
42.7971


 114.3120,
109.9140, 106.0139

 35.2731, 32.4503,
29.3957


144.4259,
139.8233, 136.1522

 24.0408, 21.7057,
19.1322


179.4123,
174.7186, 171.5211

 15.4888, 13.6408,
11.5881

219.6363,
214.9845, 212.5391

 9.2517, 7.8712,
6.3447

265.4635,
261.0052, 259.6248

 4.9641, 4.0127,
2.9837

317.2592,

 2.2608, 1.6807,

313.1653, 313.1967

1.0863

375.3886,
371.8490, 373.6734

0.7745, 0.4111,
0.0000

0.0000, 0.0000,
0.0000

67.2399, 63.5163,
59.7549

67.2399, 63.5163,
59.7549

59.9657, 52.9989,
44.9021

75.7279, 75.7401,
77.2335

53.8447, 44.1037,
32.5445

85.4761, 89.7322,
97.4520

48.8193, 36.7525,
22.5462

91.1184, 97.9732,
108.7160

44.8243, 30.8573,
14.7570

■ 41.7882, 26.3211,
9.0091

■ 39.6296, 23.0351,
5.1109

■ 38.2541, 20.8738,
2.8341

■ 37.5506, 19.7175,
1.8267

Harmonies

Analogous

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



68.1409, 63.5163, 70.1050



67.2399, 63.5163, 59.7549



64.4745, 63.5163, 52.6505

Triad

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



67.2399, 63.5163, 59.7549



54.2913, 63.5163, 58.2866



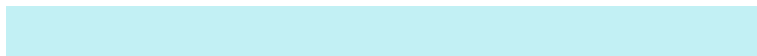
60.0419, 63.5163, 92.7959

Complementary

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



67.2399, 63.5163, 59.7549



69.7367, 80.3191, 97.4160

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.



56.4442, 63.5163, 88.7998



67.2399, 63.5163, 59.7549



53.2142, 63.5163, 68.2205

Square

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



67.2399, 63.5163, 59.7549



56.9908, 63.5163, 51.8688



53.9854, 63.5163, 79.5002



63.8809, 63.5163, 89.9176

Rectangle

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



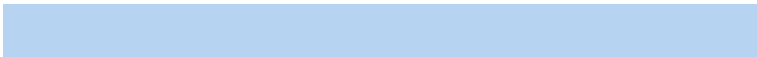
67.2399, 63.5163, 59.7549



62.0041, 63.5163, 50.3139



53.9854, 63.5163, 79.5002



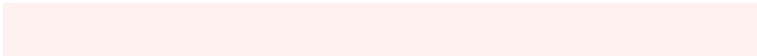
58.7655, 63.5163, 92.2033

Sweetspot

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



67.2416, 63.5192, 59.7562



88.3569, 90.3999, 94.9966



72.4280, 64.1484, 91.5233



18.7627, 19.1350, 20.0238



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.



67.2416, 63.5192, 59.7562



70.4918, 64.6732, 58.2024



73.2563, 75.5486, 61.7611



16.6058, 16.6956, 17.1449



20.4557, 10.7970, 1.0059



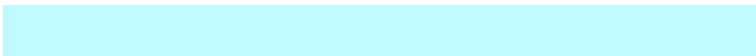
1.8339, 1.0211, 0.1004

Inverse Universe

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



69.7367, 80.3191, 97.4160



73.7515, 86.6343, 107.4427



63.0486, 66.9429, 95.1866



16.8765, 18.5173, 21.2273



23.4874, 32.7685, 51.6251



2.0973, 2.9461, 4.5483

Previews

White Background



This preview shows how the XYZ color 67.2399, 63.5163, 59.7549 looks on a white background.

Color Contrast Check

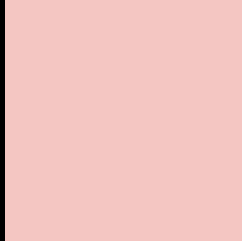
Large Text (above 18pt) WCAG AA × Fail

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 67.2399, 63.5163, 59.7549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

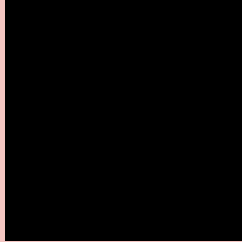
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2399, 63.5163, 59.7549

Background



This preview shows how black text looks on a background with the XYZ color 67.2399, 63.5163, 59.7549.



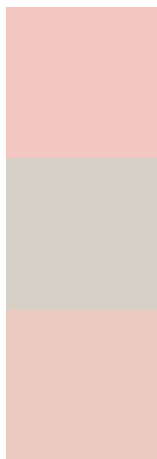
This preview shows how white text looks on a background with the XYZ color 67.2399, 63.5163,

59.7549.

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

67.2399, 63.5163, 59.7549

Protanopia

60.8890, 63.6823, 63.1156

Deuteranopia

65.0071, 63.7535, 59.3315



Tritanopia

69.2790, 63.3262, 70.1998

Trichromacy



Original Color

67.2399, 63.5163, 59.7549

Protanomaly

63.0349, 63.3857, 61.7357

Deuteranomaly

65.7722, 63.8007, 59.3003

Tritanomaly

68.4156, 63.3001, 66.3699

Monochromacy



Original Color

67.2399, 63.5163, 59.7549

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.5222, 64.2384, 66.8089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2399, 63.5163, 59.7549 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(244, 198, 194)` looks like.

```
.text, #text, p{  
    color:rgb(244, 198, 194)  
}
```

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(244, 198, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 198, 194) }
```

Border

The CSS property to change the border of an element to XYZ 67.2399, 63.5163, 59.7549 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(244, 198, 194) }
```


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

```
.border{ border-color:rgb(244, 198, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 198, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 198, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 198, 194);  
box-shadow:4px 4px 4px 4px rgb(244, 198,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2399, 63.5163, 59.7549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 198, 194) }
```

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

```
.background{ background-color: rgb(244,  
198, 194) }
```

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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