

Converting Colors

XYZ(67.4744, 64.6782, 59.3799)

Have a look what the booklet for
XYZ(67.4744, 64.6782, 59.3799)
contains.

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Color

**XYZ(67.4744, 64.6782,
59.3799)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C9C1
RGB	243, 201, 193
RGB Percent	95%, 79%, 76%
CMY	0.0471, 0.2117, 0.2431
CMYK	0.00, 0.17, 0.21, 0.05
HSL	10°, 68%, 85%
HSV	10°, 21%, 95%
XYZ	67.4744, 64.6782, 59.3799
YIQ	212.6460, 27.6000, 6.4160

Conversions

Conversions Part 2

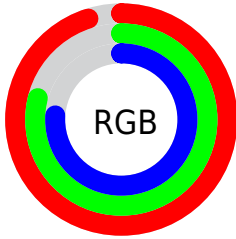
Format	Color
R _Y B	243, 203, 193
Decimal	15976897
CIE Lab	84.32, 13.63, 9.56
CIE LCh	84, 16.651, 35.040
Yxy	64.6782, 0.3523, 0.3377
Android (android.graphics.Color)	4294166977 (0xFFFF3C9C1)
YUV	212.6460, -9.6855, 26.6205
Hunter-Lab	80.4228, 9.0210, 12.5193

Details

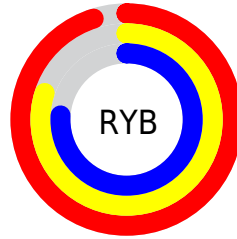
The XYZ color **67.4744, 64.6782, 59.3799** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.8776, 77.2232, 96.1225**, and the grayscale version is **63.0606, 66.3446, 72.2493**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **35.4170, 33.2000, 29.3525** is the 20% darker color. If you saturate the color by 10%, you get **60.5376, 54.7919, 44.7745**, and if you desaturate by 10%, it is **75.4923, 76.0129, 76.5445**.

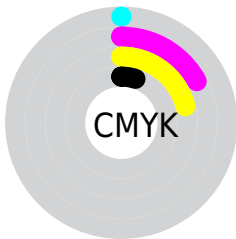
Distribution



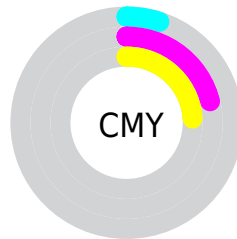
- Red (95%)
- Green (79%)
- Blue (76%)



- Red (95%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (5%)




- Cyan (5%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4744, 64.6782, 59.3799 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 67.4744, 64.6782, 59.3799 by changing the saturation by 10% instead.

 67.4744, 64.6782,
59.3799

 67.4744, 64.6782,
59.3799


441.0375,
441.6347, 440.0493

 49.7424, 47.2002,
42.4970

 114.6460,
111.5871, 105.4642

 35.4257, 33.1939,
29.1622

144.8162,
141.7867, 135.5026

 24.1590, 22.2751,
18.9569


179.8632,
176.9957, 170.7633

 15.5770, 14.0591,
11.4626

220.1524,
217.5985, 211.6647

 9.3143, 8.1618,
6.2609

266.0490,
263.9793, 258.6255

 5.0055, 4.1987,
2.9330

317.9185,

 2.2853, 1.7853,

316.5227, 312.0642

1.0605

376.1262,
375.6130, 372.3993

■ 0.7871, 0.4780,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.4744, 64.6782,
59.3799

■ 67.4744, 64.6782,
59.3799

■ 60.5376, 54.7919,
44.7745

■ 75.4923, 76.0129,
76.5445

■ 54.6302, 46.2869,
32.6016

■ 84.6298, 88.8421,
96.3787

■ 49.7041, 39.1042,
22.7297

■ 90.7723, 97.7948,
108.6998

■ 45.7051, 33.1768,
15.0132

■ 42.5736, 28.4317,
9.2899

■ 40.2429, 24.7885,
5.3743

■ 38.6360, 22.1562,
3.0457

■ 37.6847, 20.4994,
1.9706

Harmonies

Analogous

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



68.8237, 64.6782, 68.6520



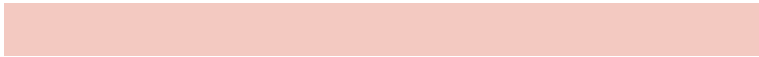
67.4744, 64.6782, 59.3799



64.5205, 64.6782, 53.5472

Triad

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



67.4744, 64.6782, 59.3799



55.2585, 64.6782, 62.1849



62.1006, 64.6782, 92.6883

Complementary

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



67.4744, 64.6782, 59.3799



67.8776, 77.2232, 96.1225

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.



58.5263, 64.6782, 90.5185



67.4744, 64.6782, 59.3799



54.6684, 64.6782, 72.2254

Square

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



67.4744, 64.6782, 59.3799



57.4868, 64.6782, 55.0494



55.8416, 64.6782, 82.7581



65.6428, 64.6782, 88.4228

Rectangle

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



67.4744, 64.6782, 59.3799



62.0908, 64.6782, 52.0425



55.8416, 64.6782, 82.7581



60.8627, 64.6782, 92.6913

Sweetspot

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



67.4762, 64.6811, 59.3812



88.7203, 91.1267, 95.1178



71.1005, 63.2225, 87.4328



18.8483, 19.3061, 20.0523



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.



67.4762, 64.6811, 59.3812



71.6646, 67.0188, 58.5934



73.6490, 77.0267, 61.4388



16.7134, 16.9109, 17.1808



20.7454, 11.3764, 1.1025



1.8849, 1.1230, 0.1174

Inverse Universe

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



67.8776, 77.2232, 96.1225



72.1889, 83.5091, 106.9219



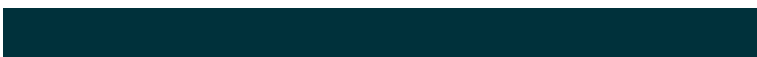
61.3409, 64.1498, 93.9436



16.7576, 18.2795, 21.1876



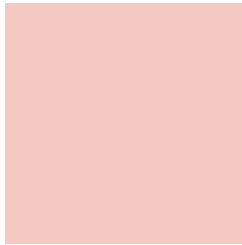
20.8260, 27.4457, 50.7379



1.8896, 2.5306, 4.4791

Previews

White Background



This preview shows how the XYZ color 67.4744, 64.6782, 59.3799 looks on a white background.

Color Contrast Check

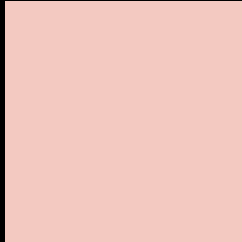
Large Text (above 18pt) WCAG AA × Fail

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 67.4744, 64.6782, 59.3799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

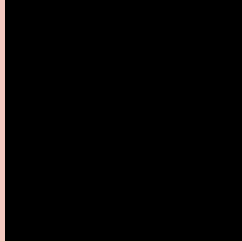
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4744, 64.6782, 59.3799

Background



This preview shows how black text looks on a background with the XYZ color 67.4744, 64.6782, 59.3799.



This preview shows how white text looks on a background with the XYZ color 67.4744, 64.6782,

59.3799.

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

67.4744, 64.6782, 59.3799

Protanopia

61.8549, 64.9221, 62.6972

Deuteranopia

66.2415, 64.7393, 59.4567



Tritanopia

69.8605, 64.6047, 71.7387

Trichromacy



Original Color

67.4744, 64.6782, 59.3799

Protanomaly

63.6407, 64.7799, 61.3741

Deuteranomaly

66.6813, 64.6166, 59.4098

Tritanomaly

68.8722, 64.5362, 67.2193

Monochromacy



Original Color

67.4744, 64.6782, 59.3799

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.6815, 65.9045, 67.7043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4744, 64.6782, 59.3799 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, 201, 193)` looks like.

```
.text, #text, p{  
    color:rgb(243, 201, 193)  
}
```

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, 201, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 201, 193) }
```

Border

The CSS property to change the border of an element to XYZ 67.4744, 64.6782, 59.3799 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, 201, 193) }
```


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

```
.border{ border-color:rgb(243, 201, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 201, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 201, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 201, 193); box-shadow:4px 4px 4px 4px rgb(243, 201, 193) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4744, 64.6782, 59.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 201, 193) }
```

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

```
.background{ background-color: rgb(243,  
201, 193) }
```

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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