

Converting Colors

XYZ(67.4601, 64.3962, 63.7484)

Have a look what the booklet for
XYZ(67.4601, 64.3962, 63.7484)
contains.

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Color

**XYZ(67.3552, 64.1795,
63.4815)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C8C8
RGB	241, 200, 200
RGB Percent	95%, 78%, 78%
CMY	0.0549, 0.2157, 0.2157
CMYK	0.00, 0.17, 0.17, 0.05
HSL	0°, 59%, 86%
HSV	0°, 17%, 95%
XYZ	67.3552, 64.1795, 63.4815
YIQ	212.2590, 24.4360, 8.6920

Conversions

Conversions Part 2

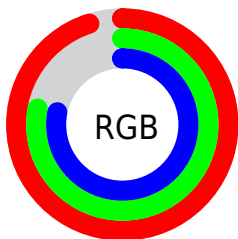
Format	Color
R _Y B	241, 200, 200
Decimal	15845576
CIE Lab	84.06, 14.48, 5.44
CIE LCh	84, 15.470, 20.569
Yxy	64.1795, 0.3454, 0.3291
Android (android.graphics.Color)	4294035656 (0xFFFF1C8C8)
YUV	212.2590, -6.0437, 25.2059
Hunter-Lab	80.1121, 9.8798, 9.0966

Details

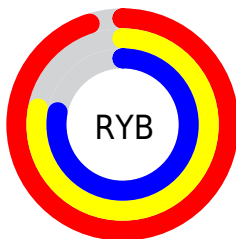
The XYZ color **67.3552, 64.1795, 63.4815** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.1512, 81.5387, 95.2080**, and the grayscale version is **62.7806, 66.0501, 71.9286**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2344, 32.8234, 31.6726** is the 20% darker color. If you saturate the color by 10%, you get **59.6099, 52.8464, 48.0818**, and if you desaturate by 10%, it is **76.4276, 77.4551, 81.5154**.

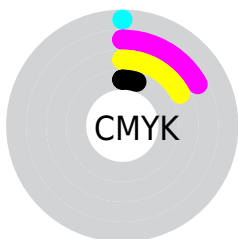
Distribution



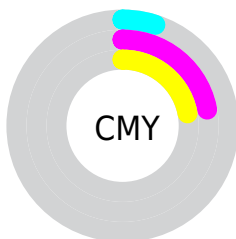
- Red (95%)
- Green (78%)
- Blue (78%)



- Red (95%)
- Yellow (78%)
- Blue (78%)



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



- Cyan (5%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3552, 64.1795, 63.4815 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 67.3552, 64.1795, 63.4815 by changing the saturation by 10% instead.

67.3552, 64.1795,
63.4815

67.3552, 64.1795,
63.4815

440.6207,
439.8376, 455.4708

49.6451, 46.7961,
45.7873

114.4762,
110.8694, 111.4561

35.3481, 32.8745,
31.7306

144.6178,
140.9447, 142.5737

24.0989, 22.0303,
20.8927

179.6340,
176.0193, 179.0029

15.5322, 13.8792,
12.8551

219.8901,
216.4778, 221.1621

9.2825, 8.0367,
7.1993

265.7515,
262.7045, 269.4700

4.9845, 4.1184,
3.5067

317.5835,

2.2728, 1.7400,

315.0837, 324.3450

1.3588

375.7514,
374.0000, 386.2058

■ 0.7807, 0.4494,
0.1093

■ 0.0000, 0.0000,
0.0000

■ 67.3552, 64.1795,
63.4815

■ 67.3552, 64.1795,
63.4815

■ 59.6099, 52.8464,
48.0818

■ 76.4276, 77.4551,
81.5154

■ 53.1247, 43.3566,
35.1892

■ 86.8796, 92.7490,
102.2943

■ 47.8343, 35.6153,
24.6725

■ 90.0858, 97.4409,
108.6677

■ 43.6661, 29.5158,
16.3864

■ 40.5390, 24.9398,
10.1704

■ 38.3613, 21.7532,
5.8420

■ 37.0256, 19.7984,
3.1872

■ 36.3937, 18.8735,
1.9316

■ 36.2761, 18.7014,
1.6978

Harmonies

Analogous

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



67.7081, 64.1795, 73.0065



67.3552, 64.1795, 63.4815



65.2657, 64.1795, 56.3425

Triad

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



67.3552, 64.1795, 63.4815



56.0697, 64.1795, 58.6072



59.9314, 64.1795, 90.1150

Complementary

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



67.3552, 64.1795, 63.4815



71.1512, 81.5387, 95.2080

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.



56.9257, 64.1795, 85.4302



67.3552, 64.1795, 63.4815



54.7516, 64.1795, 66.8451

Square

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



67.3552, 64.1795, 63.4815



58.7234, 64.1795, 53.7158



55.0590, 64.1795, 76.6958



63.3361, 64.1795, 89.0008

Rectangle

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



67.3552, 64.1795, 63.4815



63.2106, 64.1795, 53.6087



55.0590, 64.1795, 76.6958



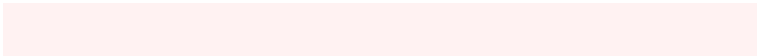
58.8429, 64.1795, 89.1509

Sweetspot

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



67.3570, 64.1824, 63.4828



89.1316, 91.3399, 97.1340



72.8077, 66.3610, 92.1911



18.9067, 19.3000, 20.4504



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.



67.3570, 64.1824, 63.4828



73.7333, 68.8080, 66.5219



72.4262, 74.3208, 65.1726



15.7730, 15.7591, 16.3602



19.6717, 10.1415, 0.9207



1.6365, 0.8438, 0.0766

Inverse Universe

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



71.1512, 81.5387, 95.2080



78.7100, 91.5738, 108.1348



65.4220, 70.0803, 93.2982



16.2473, 17.9287, 20.3259



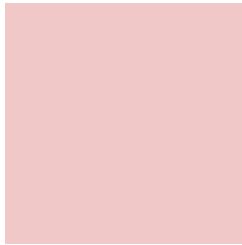
25.6632, 37.5506, 51.0233



2.1350, 3.1240, 4.2447

Previews

White Background



This preview shows how the XYZ color 67.3552, 64.1795, 63.4815 looks on a white background.

Color Contrast Check

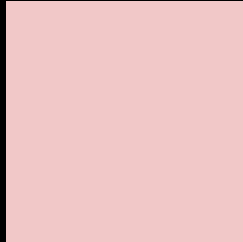
Large Text (above 18pt) WCAG AA × Fail

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 67.3552, 64.1795, 63.4815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

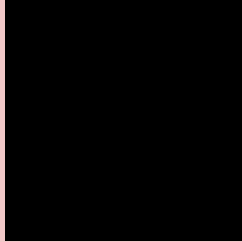
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3552, 64.1795, 63.4815

Background



This preview shows how black text looks on a background with the XYZ color 67.3552, 64.1795, 63.4815.

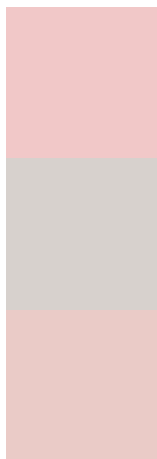


This preview shows how white text looks on a background with the XYZ color 67.3552, 64.1795,

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

67.3552, 64.1795, 63.4815

Protanopia

61.8442, 64.4558, 66.9393

Deuteranopia

65.5964, 64.3278, 62.9920



Tritanopia

69.1665, 64.2469, 71.7062

Trichromacy



Original Color

67.3552, 64.1795, 63.4815

Protanomaly

63.5913, 64.3017, 65.5598

Deuteranomaly

66.3544, 64.3691, 62.9601

Tritanomaly

68.4265, 64.2782, 68.4750

Monochromacy



Original Color

67.3552, 64.1795, 63.4815

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.3725, 65.3538, 68.8963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3552, 64.1795, 63.4815 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(241, 200, 200)` looks like.

```
.text, #text, p{  
    color:rgb(241, 200, 200)  
}
```

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(241, 200, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 200, 200) }
```

Border

The CSS property to change the border of an element to XYZ 67.3552, 64.1795, 63.4815 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(241, 200, 200) }
```


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

```
.border{ border-color:rgb(241, 200, 200) }
```

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

Here you see how a box with a 4 pixel rgb(241, 200, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 200, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 200, 200);  
box-shadow:4px 4px 4px 4px rgb(241, 200,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3552, 64.1795, 63.4815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 200, 200) }
```

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

```
.background{ background-color: rgb(241,  
200, 200) }
```

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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