

Converting Colors

XYZ(67.8838, 66.9800, 58.8899)

Have a look what the booklet for
XYZ(67.8838, 66.9800, 58.8899)
contains.

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Color

**XYZ(67.9924, 67.0880,
58.6559)**

Conversions

Conversions Part 1

Format	Color
Hex	F1CFBF
RGB	241, 207, 191
RGB Percent	95%, 81%, 75%
CMY	0.0549, 0.1882, 0.2510
CMYK	0.00, 0.14, 0.21, 0.05
HSL	19°, 64%, 85%
HSV	19°, 21%, 95%
XYZ	67.9924, 67.0880, 58.6559
YIQ	215.3420, 25.4000, 2.2320

Conversions

Conversions Part 2

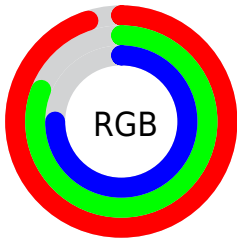
Format	Color
R_{YB}	241, 215, 191
Decimal	15847359
CIE _{Lab}	85.55, 9.47, 12.35
CIE _{LCh}	86, 15.560, 52.526
Yxy	67.0880, 0.3510, 0.3463
Android (android.graphics.Color)	4294037439 (0xFFFF1CFBF)
YUV	215.3420, -12.0006, 22.5021
Hunter-Lab	81.9073, 4.8377, 14.8760

Details

The XYZ color **67.9924, 67.0880, 58.6559** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.2877, 71.2758, 93.5888**, and the grayscale version is **64.8913, 68.2707, 74.3468**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **35.7458, 34.8078, 28.8793** is the 20% darker color. If you saturate the color by 10%, you get **61.7898, 58.5834, 44.5625**, and if you desaturate by 10%, it is **75.0471, 76.5973, 75.1878**.

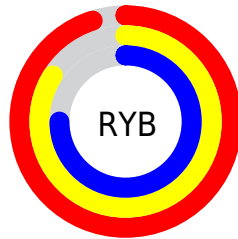
Distribution



Red (95%)

Green (81%)

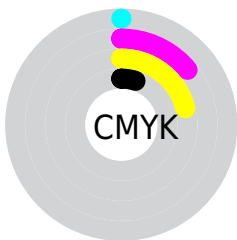
Blue (75%)



Red (95%)

Yellow (84%)

Blue (75%)

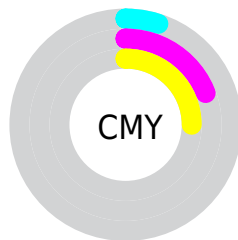


Cyan (0%)

Magenta (14%)

Yellow (21%)

Black (5%)



Cyan (5%)


Magenta (19%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.9924, 67.0880, 58.6559 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 67.9924, 67.0880, 58.6559 by changing the saturation by 10% instead.


 67.9924, 67.0880,
58.6559

 67.9924, 67.0880,
58.6559


442.8462,
450.2579, 437.2919

 50.1652, 49.1561,
41.9180


 115.3832,
115.0465, 104.4016

 35.7630, 34.7434,
28.7120

145.6776,
145.8419, 134.2464

 24.4205, 23.4652,
18.6194


180.8584,
181.6940, 169.2974

 15.7723, 14.9374,
11.2215

221.2910,
222.9871, 209.9729

 9.4530, 8.7755,
6.1000

267.3407,
270.1057, 256.6916

 5.0973, 4.5950,
2.8362

319.3729,

 2.3398, 2.0117,

323.4341, 309.8719

1.0116

377.7530,
383.3567, 369.9325

■ 0.8149, 0.6142,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.9924, 67.0880,
58.6559

■ 67.9924, 67.0880,
58.6559

■ 61.7898, 58.5834,
44.5625

■ 75.0471, 76.5973,
75.1878

■ 56.4001, 51.0408,
32.7871

■ 82.9802, 87.1340,
94.2627

■ 51.7887, 44.4277,
23.2047

■ 90.0858, 97.4409,
108.6677

■ 47.9166, 38.7064,
15.6773

■ 44.7406, 33.8362,
10.0506

■ 42.2127, 29.7728,
6.1483

■ 40.2772, 26.4673,
3.7602

■ 38.9397, 24.0286,
2.5856

Harmonies

Analogous

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



70.2549, 67.0880, 65.8375



67.9924, 67.0880, 58.6559



64.6537, 67.0880, 55.3894

Triad

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



67.9924, 67.0880, 58.6559



57.2576, 67.0880, 70.5435



66.4060, 67.0880, 92.5536

Complementary

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



67.9924, 67.0880, 58.6559



64.2877, 71.2758, 93.5888

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.



62.8847, 67.0880, 94.1084



67.9924, 67.0880, 58.6559



57.6879, 67.0880, 80.7654

Square

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



67.9924, 67.0880, 58.6559



58.5192, 67.0880, 61.8280



59.7168, 67.0880, 89.6192



69.3156, 67.0880, 85.5481

Rectangle

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



67.9924, 67.0880, 58.6559



62.3016, 67.0880, 55.6376



59.7168, 67.0880, 89.6192



65.2514, 67.0880, 93.7558

Sweetspot

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



67.9942, 67.0910, 58.6573



89.4544, 92.5950, 95.3625



68.5204, 61.4085, 79.5957



19.0213, 19.6522, 20.1100



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.



67.9942, 67.0910, 58.6573



74.1291, 71.9478, 59.4149



74.4899, 80.0824, 60.8225



16.1858, 16.5847, 16.4978



21.2236, 13.2453, 1.4380



1.8521, 1.2749, 0.1485

Inverse Universe

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



64.2877, 71.2758, 93.5888



69.1910, 77.5133, 105.9225



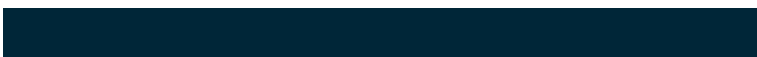
58.0567, 58.8139, 91.5118



15.7960, 17.0260, 20.1754



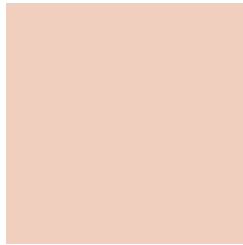
15.9221, 18.0684, 47.7762



1.4139, 1.6819, 4.0043

Previews

White Background



This preview shows how the XYZ color 67.9924, 67.0880, 58.6559 looks on a white background.

Color Contrast Check

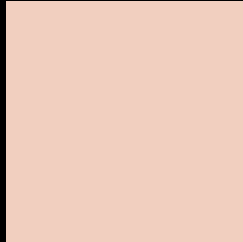
Large Text (above 18pt) WCAG AA × Fail

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 67.9924, 67.0880, 58.6559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

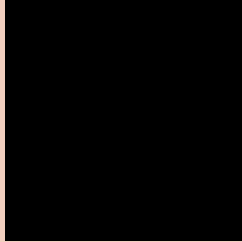
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.9924, 67.0880, 58.6559

Background



This preview shows how black text looks on a background with the XYZ color 67.9924, 67.0880, 58.6559.



This preview shows how white text looks on a background with the XYZ color 67.9924, 67.0880,

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

67.9924, 67.0880, 58.6559

Protanopia

63.6561, 67.0131, 60.6187

Deuteranopia

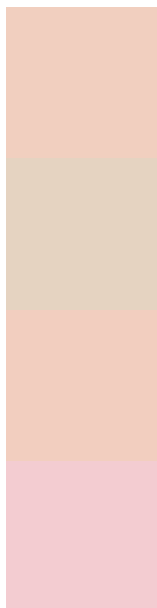
68.4374, 66.9589, 58.6075



Tritanopia

71.4503, 67.0594, 76.1958

Trichromacy



Original Color

67.9924, 67.0880, 58.6559

Protanomaly

65.2330, 67.0968, 59.9649

Deuteranomaly

68.0932, 66.7814, 58.5914

Tritanomaly

70.0636, 66.8439, 69.5310

Monochromacy



Original Color

67.9924, 67.0880, 58.6559

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.4245, 67.3905, 67.9519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9924, 67.0880, 58.6559 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, 207, 191)` looks like.

```
.text, #text, p{  
    color:rgb(241, 207, 191)  
}
```

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, 207, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 207, 191) }
```

Border

The CSS property to change the border of an element to XYZ 67.9924, 67.0880, 58.6559 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, 207, 191) }
```


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

```
.border{ border-color:rgb(241, 207, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 207, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 207, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 207, 191);  
box-shadow:4px 4px 4px 4px rgb(241, 207,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9924, 67.0880, 58.6559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 207, 191) }
```

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

```
.background{ background-color: rgb(241,  
207, 191) }
```

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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