

Converting Colors

XYZ(68.3817, 64.7448, 67.9998)

Have a look what the booklet for
XYZ(68.3817, 64.7448, 67.9998)
contains.

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Color

**XYZ(68.1924, 64.5143,
67.8899)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C8CF
RGB	241, 200, 207
RGB Percent	95%, 78%, 81%
CMY	0.0549, 0.2157, 0.1882
CMYK	0.00, 0.17, 0.14, 0.05
HSL	350°, 59%, 86%
HSV	350°, 17%, 95%
XYZ	68.1924, 64.5143, 67.8899
YIQ	213.0570, 22.1890, 10.8690

Conversions

Conversions Part 2

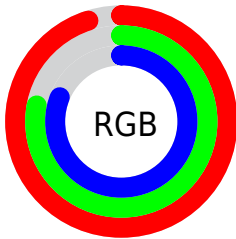
Format	Color
R _Y B	241, 200, 207
Decimal	15845583
CIE Lab	84.23, 15.57, 1.95
CIE LCh	84, 15.697, 7.149
Yxy	64.5143, 0.3399, 0.3216
Android (android.graphics.Color)	4294035663 (0xFFFF1C8CF)
YUV	213.0570, -2.9861, 24.5060
Hunter-Lab	80.3208, 10.9852, 6.1106

Details

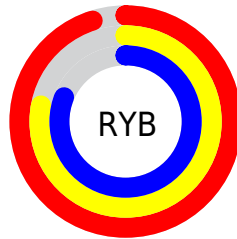
The XYZ color **68.1924, 64.5143, 67.8899** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.1285, 81.1321, 89.8097**, and the grayscale version is **63.2944, 66.5907, 72.5172**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0362, 33.1720, 34.6405** is the 20% darker color. If you saturate the color by 10%, you get **60.7539, 53.3031, 54.1080**, and if you desaturate by 10%, it is **76.8236, 77.6146, 83.5971**.

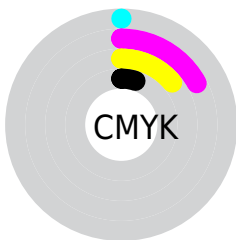
Distribution



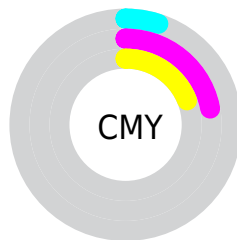
- Red (95%)
- Green (78%)
- Blue (81%)



- Red (95%)
- Yellow (78%)
- Blue (81%)



- Cyan (0%)
- Magenta (17%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.1924, 64.5143, 67.8899 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 68.1924, 64.5143, 67.8899 by changing the saturation by 10% instead.

68.1924, 64.5143,
67.8899

68.1924, 64.5143,
67.8899

443.5434,
441.0445, 471.6933

50.3285, 47.0673,
49.3420

115.6677,
111.3513, 117.8473

35.8934, 33.0889,
34.5234

146.0099,
141.5101, 150.0940

24.5216, 22.1946,
23.0153

181.2422,
176.6750, 187.7440

15.8478, 13.9999,
14.3994

221.7301,
217.2304, 231.2159

9.5067, 8.1206,
8.2571

267.8387,
263.5606, 280.9283

5.1329, 4.1722,
4.1698

319.9336,

2.3610, 1.7704,

316.0501, 337.2996

1.7189

378.3801,
375.0833, 400.7484

■ 0.8256, 0.4686,
0.3737

■ 0.0000, 0.0000,
0.0000

■ 68.1924, 64.5143,
67.8899

■ 68.1924, 64.5143,
67.8899

■ 60.7539, 53.3031,
54.1080

■ 76.8236, 77.6146,
83.5971

■ 54.4501, 43.8853,
42.1730

■ 86.6915, 92.6764,
101.2958

■ 49.2263, 36.1704,
32.0069

■ 90.0859, 97.4409,
108.6677

■ 45.0208, 30.0559,
23.5248

■ 41.7657, 25.4290,
16.6346

■ 39.3849, 22.1613,
11.2350

■ 37.7897, 20.1032,
7.2128

■ 36.8693, 19.0634,
4.4365

■ 36.6784, 18.8619,
3.8169

Harmonies

Analogous

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



67.6864, 64.5143, 77.9436



68.1924, 64.5143, 67.8899



66.8019, 64.5143, 59.3085

Triad

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



68.1924, 64.5143, 67.8899



57.3707, 64.5143, 56.0662



58.7599, 64.5143, 89.4015

Complementary

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



68.1924, 64.5143, 67.8899



70.1285, 81.1321, 89.8097

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.



56.1445, 64.5143, 82.4498



68.1924, 64.5143, 67.8899



55.3638, 64.5143, 63.0710

Square

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



68.1924, 64.5143, 67.8899



60.4909, 64.5143, 52.9131



54.9235, 64.5143, 72.6542



62.1544, 64.5143, 91.0005

Rectangle

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



68.1924, 64.5143, 67.8899



65.0164, 64.5143, 55.3608



54.9235, 64.5143, 72.6542



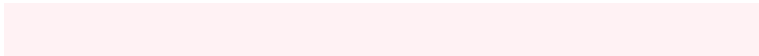
57.7644, 64.5143, 87.5834

Sweetspot

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



68.1942, 64.5172, 67.8913



89.4605, 91.4707, 98.8678



70.2958, 65.0675, 92.0741



18.9862, 19.3317, 20.8699



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.



68.1942, 64.5172, 67.8913



74.8054, 69.2348, 72.1743



70.4930, 70.4536, 64.5306



15.8829, 15.8029, 16.9394



19.9232, 10.2417, 2.2461



1.6889, 0.8646, 0.3528

Inverse Universe

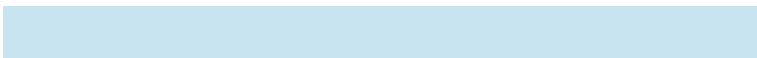
The Inverse Universe completely reimagines the original color for something new.



68.1942, 64.5172, 67.8913



74.8054, 69.2348, 72.1743



67.4469, 74.1284, 93.9732



15.8829, 15.8029, 16.9394



19.9232, 10.2417, 2.2461



1.6889, 0.8646, 0.3528

Previews

White Background



This preview shows how the XYZ color 68.1924, 64.5143, 67.8899 looks on a white background.

Color Contrast Check

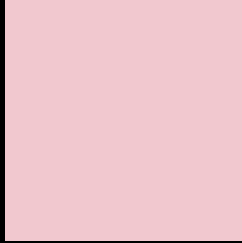
Large Text (above 18pt) WCAG AA × Fail

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 68.1924, 64.5143, 67.8899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

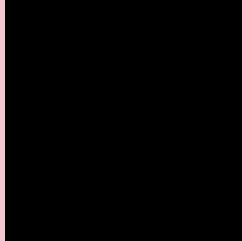
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.1924, 64.5143, 67.8899

Background



This preview shows how black text looks on a background with the XYZ color 68.1924, 64.5143, 67.8899.

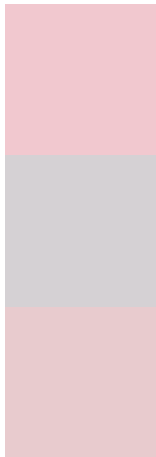


This preview shows how white text looks on a background with the XYZ color 68.1924, 64.5143,

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

68.1924, 64.5143, 67.8899

Protanopia

62.1247, 64.5005, 71.4629

Deuteranopia

65.7752, 64.3239, 67.3415



Tritanopia

69.1790, 64.5791, 72.4372

Trichromacy



Original Color

68.1924, 64.5143, 67.8899

Protanomaly

64.1356, 64.4837, 70.0391

Deuteranomaly

66.5221, 64.3595, 67.3090

Tritanomaly

68.7992, 64.4272, 70.4376

Monochromacy



Original Color

68.1924, 64.5143, 67.8899

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.7452, 65.5029, 70.8589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.1924, 64.5143, 67.8899 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(241, 200, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 200, 207) }
```

Border

The CSS property to change the border of an element to XYZ 68.1924, 64.5143, 67.8899 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, 207) }
```


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

```
.border{ border-color:rgb(241, 200, 207) }
```

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, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 200, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 200, 207);  
box-shadow:4px 4px 4px 4px rgb(241, 200,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 68.1924, 64.5143, 67.8899 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, 207) }
```

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

```
.background{ background-color: rgb(241,  
200, 207) }
```

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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