

Converting Colors

XYZ(70.8905, 64.8980, 67.1827)

Have a look what the booklet for
XYZ(70.8905, 64.8980, 67.1827)
contains.

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Color

**XYZ(70.8905, 64.8980,
67.1827)**

Conversions

Conversions Part 1

Format	Color
Hex	FBC5CE
RGB	251, 197, 206
RGB Percent	98%, 77%, 81%
CMY	0.0157, 0.2274, 0.1922
CMYK	0.00, 0.22, 0.18, 0.02
HSL	350°, 87%, 88%
HSV	350°, 22%, 98%
XYZ	70.8905, 64.8980, 67.1827
YIQ	214.1720, 29.2950, 14.2470

Conversions

Conversions Part 2

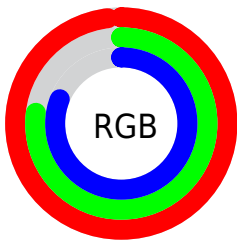
Format	Color
R _Y B	251, 197, 206
Decimal	16500174
CIE Lab	84.43, 20.55, 2.89
CIE LCh	84, 20.750, 8.008
Yxy	64.8980, 0.3493, 0.3197
Android (android.graphics.Color)	4294690254 (0xFFFBCE)
YUV	214.1720, -4.0288, 32.2982
Hunter-Lab	80.5593, 16.0975, 6.9464

Details

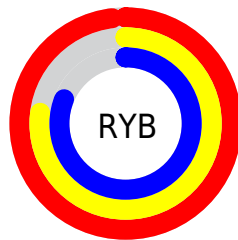
The XYZ color **70.8905, 64.8980, 67.1827** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.5528, 87.2771, 96.9783**, and the grayscale version is **64.0463, 67.3817, 73.3787**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **37.7381, 33.3813, 34.1600** is the 20% darker color. If you saturate the color by 10%, you get **63.2843, 53.4849, 52.9329**, and if you desaturate by 10%, it is **79.7875, 78.3500, 83.5329**.

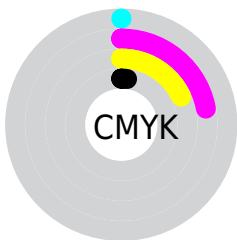
Distribution



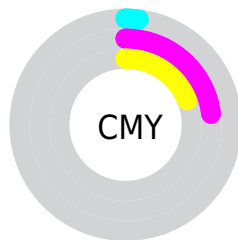
- Red (98%)
- Green (77%)
- Blue (81%)



- Red (98%)
- Yellow (77%)
- Blue (81%)



- Cyan (0%)
- Magenta (22%)
- Yellow (18%)
- Black (2%)



- Cyan (2%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8905, 64.8980, 67.1827 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 70.8905, 64.8980, 67.1827 by changing the saturation by 10% instead.

70.8905, 64.8980,
67.1827

70.8905, 64.8980,
67.1827

452.8884,
442.4253, 469.1140

52.5351, 47.3784,
48.7706

119.4972,
111.9032, 116.8253

37.6577, 33.3349,
34.0732

150.4791,
142.1576, 148.8929

25.8932, 22.3831,
22.6720

186.4005,
177.4256, 186.3493

16.8760, 14.1387,
14.1485

227.6269,
218.0918, 229.6132

10.2409, 8.2172,
8.0841

274.5235,
264.5405, 279.1031

5.6224, 4.2342,
4.0603

327.4557,

2.6554, 1.8054,

317.1560, 335.2375

1.6585

386.7889,
376.3228, 398.4349

■ 0.9742, 0.4906,
0.3320

■ 0.0000, 0.0000,
0.0000

■ 70.8905, 64.8980,
67.1827

■ 70.8905, 64.8980,
67.1827

■ 63.2843, 53.4849,
52.9329

■ 79.7875, 78.3500,
83.5329

■ 56.9032, 44.0028,
40.6940

■ 90.0260, 93.9244,
102.0599

■ 51.6840, 36.3469,
30.3759

■ 93.5939, 99.2494,
108.8319

■ 47.5554, 30.3994,
21.8800

■ 44.4385, 26.0281,
15.0989

■ 42.2430, 23.0817,
9.9134

■ 40.8621, 21.3787,
6.1886

■ 40.1985, 20.6752,
4.0452

Harmonies

Analogous

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



70.2790, 64.8980, 80.6088



70.8905, 64.8980, 67.1827



68.9397, 64.8980, 56.1464

Triad

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



70.8905, 64.8980, 67.1827



56.3814, 64.8980, 52.4778



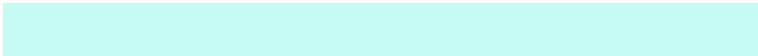
58.4213, 64.8980, 96.9313

Complementary

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



70.8905, 64.8980, 67.1827



73.5528, 87.2771, 96.9783

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.



54.9554, 64.8980, 87.4878



70.8905, 64.8980, 67.1827



53.8192, 64.8980, 61.5707

Square

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



70.8905, 64.8980, 67.1827



60.4561, 64.8980, 48.3748



53.3105, 64.8980, 74.2612



62.9276, 64.8980, 98.9209

Rectangle

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



70.8905, 64.8980, 67.1827



66.5032, 64.8980, 51.2337



53.3105, 64.8980, 74.2612



57.1027, 64.8980, 94.4713

Sweetspot

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



70.8923, 64.9010, 67.1840



88.3763, 89.8295, 96.8814



73.9989, 65.7779, 100.0636



18.7673, 19.0008, 20.4674



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

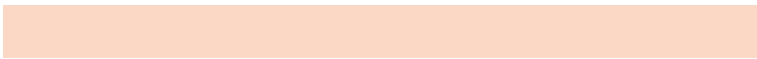
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.8923, 64.9010, 67.1840



69.7687, 61.6845, 62.7166



74.1642, 73.1440, 63.0363



17.3626, 17.2724, 18.4990



21.1650, 10.8817, 2.3115



1.9927, 1.0208, 0.3848

Inverse Universe

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



70.8923, 64.9010, 67.1840



69.7687, 61.6845, 62.7166



69.5799, 77.1155, 102.4849



17.3626, 17.2724, 18.4990



21.1650, 10.8817, 2.3115



1.9927, 1.0208, 0.3848

Previews

White Background



This preview shows how the XYZ color 70.8905, 64.8980, 67.1827 looks on a white background.

Color Contrast Check

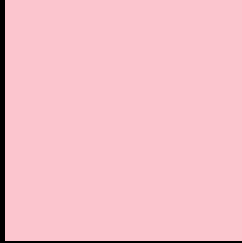
Large Text (above 18pt) WCAG AA × Fail

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 70.8905, 64.8980, 67.1827 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 70.8905, 64.8980, 67.1827

Background



This preview shows how black text looks on a background with the XYZ color 70.8905, 64.8980, 67.1827.



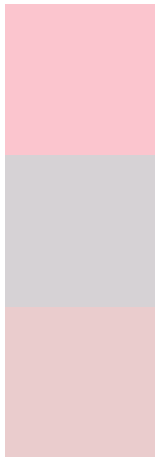
This preview shows how white text looks on a background with the XYZ color 70.8905, 64.8980,

67.1827.

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

70.8905, 64.8980, 67.1827

Protanopia

62.7884, 65.1934, 72.2251

Deuteranopia

66.5440, 65.0859, 66.8132



Tritanopia

71.6427, 64.8785, 70.3748

Trichromacy



Original Color

70.8905, 64.8980, 67.1827

Protanomaly

65.1427, 64.6467, 70.0174

Deuteranomaly

67.8413, 64.7063, 66.6716

Tritanomaly

71.3934, 64.7788, 69.0623

Monochromacy



Original Color

70.8905, 64.8980, 67.1827

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.9923, 66.1458, 70.9173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8905, 64.8980, 67.1827 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(251, 197, 206)` looks like.

```
.text, #text, p{  
    color:rgb(251, 197, 206)  
}
```

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(251, 197, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 197, 206) }
```

Border

The CSS property to change the border of an element to XYZ 70.8905, 64.8980, 67.1827 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(251, 197, 206) }
```


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

```
.border{ border-color:rgb(251, 197, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 197, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 197, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 197, 206);  
box-shadow:4px 4px 4px 4px rgb(251, 197,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8905, 64.8980, 67.1827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 197, 206) }
```

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

```
.background{ background-color: rgb(251,  
197, 206) }
```

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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