

Converting Colors

XYZ(70.7630, 65.1444, 58.5122)

Have a look what the booklet for
XYZ(70.7630, 65.1444, 58.5122)
contains.

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Color

**XYZ(70.7207, 64.9983,
58.6877)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5C0
RGB	255, 197, 192
RGB Percent	100%, 77%, 75%
CMY	0.0000, 0.2274, 0.2471
CMYK	0.00, 0.23, 0.25, 0.00
HSL	5°, 100%, 88%
HSV	5°, 25%, 100%
XYZ	70.7207, 64.9983, 58.6877
YIQ	213.7720, 36.1730, 10.7410

Conversions

Conversions Part 2

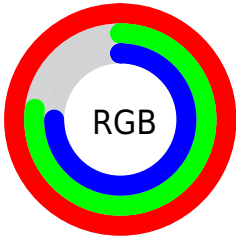
Format	Color
R _Y B	255, 197, 192
Decimal	16762304
CIE Lab	84.48, 19.96, 10.48
CIE LCh	84, 22.547, 27.704
Yxy	64.9983, 0.3638, 0.3343
Android (android.graphics.Color)	4294952384 (0xFFFFC5C0)
YUV	213.7720, -10.7336, 36.1570
Hunter-Lab	80.6215, 15.4914, 13.2755

Details

The XYZ color **70.7207, 64.9983, 58.6877** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9727, 86.7948, 107.4620**, and the grayscale version is **63.8175, 67.1410, 73.1165**.

A 20% lighter version of the original color is **93.6251, 98.9209, 102.9660**, and **37.5086, 33.3793, 28.8920** is the 20% darker color. If you saturate the color by 10%, you get **63.2149, 54.1233, 43.4331**, and if you desaturate by 10%, it is **79.5492, 77.7349, 76.7997**.

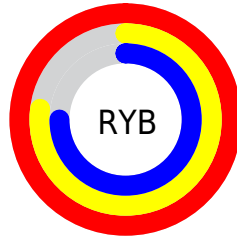
Distribution



Red (100%)

Green (77%)

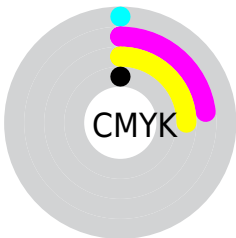
Blue (75%)



Red (100%)

Yellow (77%)

Blue (75%)

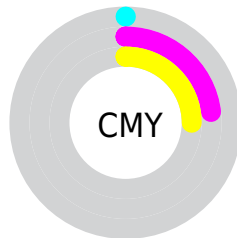


Cyan (0%)

Magenta (23%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.7207, 64.9983, 58.6877 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 70.7207, 64.9983, 58.6877 by changing the saturation by 10% instead.


 70.7207, 64.9983,
58.6877

 70.7207, 64.9983,
58.6877


452.3035,
442.7859, 437.4132

 52.3960, 47.4597,
41.9434


 119.2566,
112.0474, 104.4483

 37.5464, 33.3992,
28.7317

150.1986,
142.3267, 134.3017

 25.8064, 22.4324,
18.6342


186.0770,
177.6217, 169.3618

 16.8108, 14.1750,
11.2321

227.2572,
218.3168, 210.0473

 10.1942, 8.2425,
6.1070

274.1047,
264.7964, 256.7766

 5.5911, 4.2505,
2.8404


326.9846,

 2.6364, 1.8147,


317.4448, 309.9684


1.0137


386.2624,
376.6465, 370.0411


 0.9645, 0.4963,
0.0000


 0.0000, 0.0000,
0.0000


 70.7207, 64.9983,
58.6877


 70.7207, 64.9983,
58.6877

 63.2149, 54.1233,
43.4331


 79.5492, 77.7349,
76.7997

 56.9634, 45.0143,
30.8862

 89.7549, 92.4052,
97.9006

 51.8992, 37.5809,
20.8898

95.0500, 100.0000,
108.9000

 47.9467, 31.7205,
13.2688

■ 45.0218, 27.3200,
7.8260

■ 43.0282, 24.2505,
4.3326

■ 41.8511, 22.3608,
2.5082

■ 41.4947, 21.7695,
2.0149

Harmonies

Analogous

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



71.9294, 64.9983, 71.8848



70.7207, 64.9983, 58.6877



67.0785, 64.9983, 49.8906

Triad

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



70.7207, 64.9983, 58.6877



53.9770, 64.9983, 57.0116



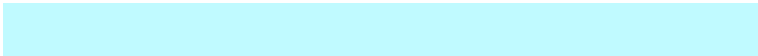
61.3932, 64.9983, 102.1271

Complementary

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



70.7207, 64.9983, 58.6877



73.9727, 86.7948, 107.4620

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.



56.7661, 64.9983, 96.7926



70.7207, 64.9983, 58.6877



52.6314, 64.9983, 69.6709

Square

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



70.7207, 64.9983, 58.6877



57.4012, 64.9983, 49.0189



53.6246, 64.9983, 84.4110



66.3738, 64.9983, 98.1629

Rectangle

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



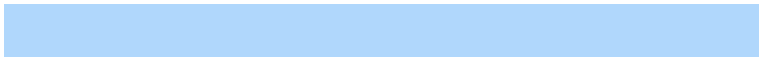
70.7207, 64.9983, 58.6877



63.8565, 64.9983, 47.0620



53.6246, 64.9983, 84.4110



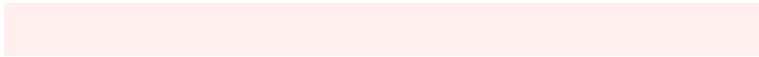
59.7470, 64.9983, 101.3480

Sweetspot

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



70.7223, 65.0012, 58.6890



87.2882, 88.8636, 92.7875



77.4710, 65.9123, 99.7408



18.5471, 18.8248, 19.5783



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

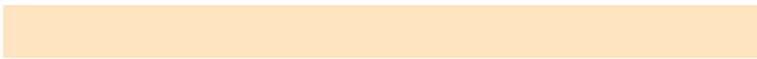
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.7223, 65.0012, 58.6890



66.5869, 59.0159, 50.2649



78.4157, 80.3881, 61.2535



18.1253, 18.2188, 18.7056



21.7224, 11.4560, 1.0663



2.1531, 1.1916, 0.1165

Inverse Universe

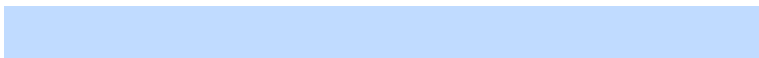
The Inverse Universe completely reimagines the original color for something new.



73.9727, 86.7948, 107.4620



70.3768, 84.4477, 107.1985



65.1987, 69.2468, 104.5374



18.4241, 20.2199, 23.1817



24.9679, 34.8453, 54.8445



2.4662, 3.4630, 5.3517

Previews

White Background



This preview shows how the XYZ color 70.7207, 64.9983, 58.6877 looks on a white background.

Color Contrast Check

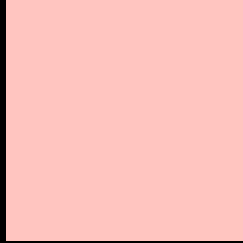
Large Text (above 18pt) WCAG AA × Fail

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 70.7207, 64.9983, 58.6877 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 70.7207, 64.9983, 58.6877

Background



This preview shows how black text looks on a background with the XYZ color 70.7207, 64.9983, 58.6877.



This preview shows how white text looks on a background with the XYZ color 70.7207, 64.9983,

58.6877.

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

70.7207, 64.9983, 58.6877

Protanopia

62.2688, 65.1221, 63.3207

Deuteranopia

66.5934, 65.2980, 58.3841



Tritanopia

72.2637, 64.8937, 69.0386

Trichromacy



Original Color

70.7207, 64.9983, 58.6877

Protanomaly

64.7501, 64.6371, 61.2881

Deuteranomaly

67.9468, 64.9474, 58.2451

Tritanomaly

71.7594, 65.0517, 65.2740

Monochromacy



Original Color

70.7207, 64.9983, 58.6877

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.0096, 66.2260, 67.6963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7207, 64.9983, 58.6877 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(255, 197, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 192)  
}
```

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(255, 197, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 192) }
```

Border

The CSS property to change the border of an element to XYZ 70.7207, 64.9983, 58.6877 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(255, 197, 192) }
```


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

```
.border{ border-color:rgb(255, 197, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7207, 64.9983, 58.6877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 192) }
```

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

```
.background{ background-color: rgb(255,  
197, 192) }
```

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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