

Converting Colors

XYZ(70.8799, 64.6338, 58.8093)

Have a look what the booklet for
XYZ(70.8799, 64.6338, 58.8093)
contains.

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Color

**XYZ(70.4944, 64.5456,
58.6123)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4C0
RGB	255, 196, 192
RGB Percent	100%, 77%, 75%
CMY	0.0000, 0.2313, 0.2471
CMYK	0.00, 0.23, 0.25, 0.00
HSL	4°, 100%, 88%
HSV	4°, 25%, 100%
XYZ	70.4944, 64.5456, 58.6123
YIQ	213.1850, 36.4480, 11.2640

Conversions

Conversions Part 2

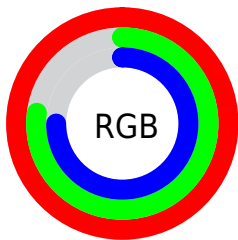
Format	Color
R _Y B	255, 196, 192
Decimal	16762048
CIE Lab	84.25, 20.49, 10.15
CIE LCh	84, 22.862, 26.354
Yxy	64.5456, 0.3640, 0.3333
Android (android.graphics.Color)	4294952128 (0xFFFFC4C0)
YUV	213.1850, -10.4442, 36.6718
Hunter-Lab	80.3403, 16.0290, 12.9831

Details

The XYZ color **70.4944, 64.5456, 58.6123** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.2843, 87.4181, 107.5659**, and the grayscale version is **63.4216, 66.7244, 72.6629**.

A 20% lighter version of the original color is **93.3086, 98.2879, 102.8605**, and **37.3592, 33.0804, 28.8422** is the 20% darker color. If you saturate the color by 10%, you get **62.9458, 53.5851, 43.3434**, and if you desaturate by 10%, it is **79.3928, 77.4220, 76.7477**.

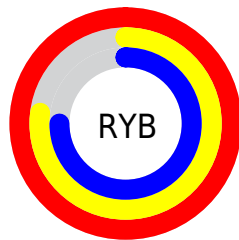
Distribution



Red (100%)

Green (77%)

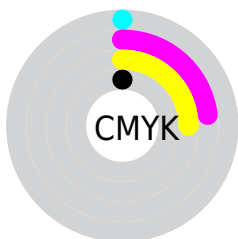
Blue (75%)



Red (100%)

Yellow (77%)

Blue (75%)

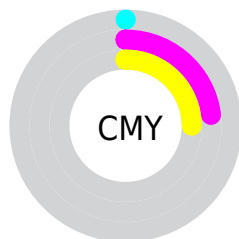


Cyan (0%)

Magenta (23%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.4944, 64.5456, 58.6123 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 70.4944, 64.5456, 58.6123 by changing the saturation by 10% instead.


 70.4944, 64.5456,
58.6123

 70.4944, 64.5456,
58.6123


451.5234,
441.1573, 437.1255

 52.2107, 47.0927,
41.8831


 118.9360,
111.3963, 104.3375

 37.3980, 33.1090,
28.6849


149.8246,
141.5629, 134.1707

 25.6909, 22.2099,
18.5991

185.6456,
176.7363, 169.2090

 16.7240, 14.0112,
11.2071

226.7643,
217.3007, 209.8709

 10.1320, 8.1285,
6.0904

273.5461,
263.6406, 256.5749

 5.5495, 4.1773,
2.8304

326.3563,

 2.6112, 1.7732,

316.1404, 309.7397

1.0087

385.5603,
375.1845, 369.7837

■ 0.9517, 0.4704,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.4944, 64.5456,
58.6123

■ 70.4944, 64.5456,
58.6123

■ 62.9458, 53.5851,
43.3434

■ 79.3928, 77.4220,
76.7477

■ 56.6767, 44.4409,
30.7906

■ 89.6977, 92.2907,
97.8815

■ 51.6174, 37.0174,
20.7959

95.0500, 100.0000,
108.9000

■ 47.6898, 31.2068,
13.1832

■ 44.8065, 26.8894,
7.7543

■ 42.8672, 23.9283,
4.2789

■ 41.7517, 22.1619,
2.4751

■ 41.4284, 21.6368,
1.9928

Harmonies

Analogous

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



71.5886, 64.5456, 72.0678



70.4944, 64.5456, 58.6123



66.9036, 64.5456, 49.5260

Triad

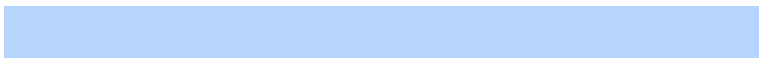
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.4944, 64.5456, 58.6123



53.5942, 64.5456, 55.9323



60.7314, 64.5456, 101.9457

Complementary

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



70.4944, 64.5456, 58.6123



74.2843, 87.4181, 107.5659

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.



56.1100, 64.5456, 96.1449



70.4944, 64.5456, 58.6123



52.1349, 64.5456, 68.5204

Square

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



70.4944, 64.5456, 58.6123



57.1268, 64.5456, 48.1347



53.0303, 64.5456, 83.3998



65.7735, 64.5456, 98.3473

Rectangle

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



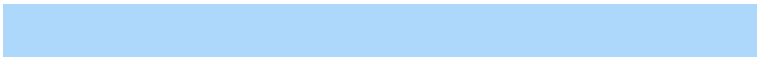
70.4944, 64.5456, 58.6123



63.6748, 64.5456, 46.5130



53.0303, 64.5456, 83.3998



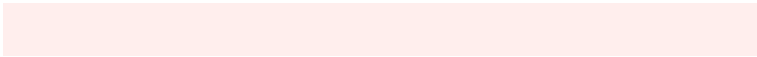
59.0798, 64.5456, 101.0121

Sweetspot

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



70.4959, 64.5485, 58.6136



87.2055, 88.6982, 92.7600



77.6369, 65.9787, 100.6142



18.5280, 18.7867, 19.5719



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.



70.4959, 64.5485, 58.6136



66.3346, 58.5114, 50.1808



78.1282, 79.8131, 61.1577



18.1020, 18.1723, 18.6978



21.6822, 11.3756, 1.0529



2.1421, 1.1696, 0.1129

Inverse Universe

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



74.2843, 87.4181, 107.5659



70.7533, 85.2007, 107.3240



65.4740, 69.7974, 104.6291



18.4502, 20.2720, 23.1904



25.5702, 36.0500, 55.0452



2.5184, 3.5674, 5.3691

Previews

White Background



This preview shows how the XYZ color 70.4944, 64.5456, 58.6123 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 70.4944, 64.5456, 58.6123 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 70.4944, 64.5456, 58.6123

Background



This preview shows how black text looks on a background with the XYZ color 70.4944, 64.5456, 58.6123.



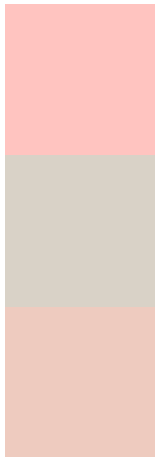
This preview shows how white text looks on a background with the XYZ color 70.4944, 64.5456,

58.6123.

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

70.4944, 64.5456, 58.6123

Protanopia

61.9707, 64.9684, 63.3068

Deuteranopia

66.0198, 64.6506, 58.2894



Tritanopia

71.9170, 64.3976, 68.3141

Trichromacy



Original Color

70.4944, 64.5456, 58.6123

Protanomaly

64.7501, 64.6371, 61.2881

Deuteranomaly

67.3665, 64.3032, 58.1514

Tritanomaly

71.4158, 64.5545, 64.5734

Monochromacy



Original Color

70.4944, 64.5456, 58.6123

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.3272, 65.5274, 66.9625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4944, 64.5456, 58.6123 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, 196, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 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, 196, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 192) }
```

Border

The CSS property to change the border of an element to XYZ 70.4944, 64.5456, 58.6123 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, 196, 192) }
```


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

```
.border{ border-color:rgb(255, 196, 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, 196, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4944, 64.5456, 58.6123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 192) }
```

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

```
.background{ background-color: rgb(255,  
196, 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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