

Converting Colors

XYZ(70.1030, 64.3912, 58.6952)

Have a look what the booklet for
XYZ(70.1030, 64.3912, 58.6952)
contains.

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Color

**XYZ(70.1274, 64.3565,
58.5951)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC4C0
RGB	254, 196, 192
RGB Percent	100%, 77%, 75%
CMY	0.0039, 0.2313, 0.2471
CMYK	0.00, 0.23, 0.24, 0.00
HSL	4°, 97%, 87%
HSV	4°, 24%, 100%
XYZ	70.1274, 64.3565, 58.5951
YIQ	212.8860, 35.8520, 11.0520

Conversions

Conversions Part 2

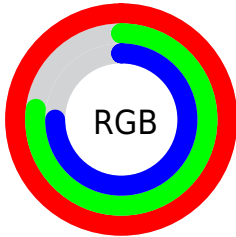
Format	Color
R _Y B	254, 196, 192
Decimal	16696512
CIE Lab	84.15, 20.12, 10.00
CIE LCh	84, 22.468, 26.416
Yxy	64.3565, 0.3632, 0.3333
Android (android.graphics.Color)	4294886592 (0xFFFE C4C0)
YUV	212.8860, -10.2968, 36.0570
Hunter-Lab	80.2225, 15.6484, 12.8499

Details

The XYZ color **70.1274, 64.3565, 58.5951** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8122, 86.7308, 106.6166**, and the grayscale version is **63.2210, 66.5134, 72.4331**.

A 20% lighter version of the original color is **93.3086, 98.2879, 102.8605**, and **37.0982, 32.9458, 28.8300** is the 20% darker color. If you saturate the color by 10%, you get **62.6110, 53.4454, 43.3823**, and if you desaturate by 10%, it is **78.9816, 77.1650, 76.6513**.

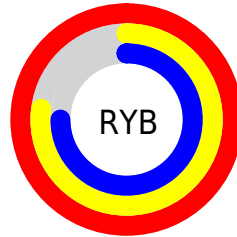
Distribution



Red (100%)

Green (77%)

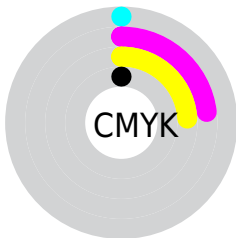
Blue (75%)



Red (100%)

Yellow (77%)

Blue (75%)

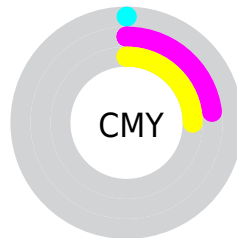


Cyan (0%)

Magenta (23%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.1274, 64.3565, 58.5951 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 70.1274, 64.3565, 58.5951 by changing the saturation by 10% instead.


 70.1274, 64.3565,
58.5951

 70.1274, 64.3565,
58.5951


450.2566,
440.4759, 437.0598

 51.9104, 46.9395,
41.8694


 118.4157,
111.1242, 104.3123

 37.1576, 32.9878,
28.6742


149.2177,
141.2437, 134.1408

 25.5038, 22.1171,
18.5911


184.9454,
176.3661, 169.1741

 16.5835, 13.9430,
11.2014

225.9641,
216.8758, 209.8306

 10.0315, 8.0810,
6.0866

272.6392,
263.1572, 256.5289

 5.4822, 4.1468,
2.8281

325.3361,

 2.5705, 1.7560,

315.5948, 309.6875

1.0076

384.4201,
374.5729, 369.7249

■ 0.9310, 0.4595,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.1274, 64.3565,
58.5951

■ 70.1274, 64.3565,
58.5951

■ 62.6110, 53.4454,
43.3823

■ 78.9816, 77.1650,
76.6513

■ 56.3625, 44.3332,
30.8645

■ 89.2288, 91.9458,
97.6814

■ 51.3133, 36.9258,
20.8854

94.6832, 99.8109,
108.8828

■ 47.3865, 31.1174,
13.2714

■ 44.4960, 26.7898,
7.8270

■ 42.5432, 23.8089,
4.3254

■ 41.4103, 22.0162,
2.4896

■ 41.0646, 21.4537,
1.9766

Harmonies

Analogous

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



71.2048, 64.3565, 71.7970



70.1274, 64.3565, 58.5951



66.6056, 64.3565, 49.6670

Triad

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



70.1274, 64.3565, 58.5951



53.5523, 64.3565, 56.0058



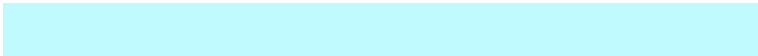
60.5739, 64.3565, 101.0713

Complementary

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



70.1274, 64.3565, 58.5951



73.8122, 86.7308, 106.6166

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.



56.0365, 64.3565, 95.4197



70.1274, 64.3565, 58.5951



52.1233, 64.3565, 68.3774

Square

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



70.1274, 64.3565, 58.5951



57.0175, 64.3565, 48.3202



53.0078, 64.3565, 82.9603



65.5171, 64.3565, 97.5356

Rectangle

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



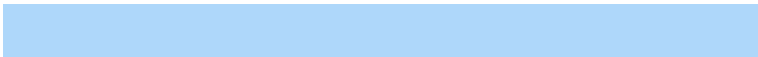
70.1274, 64.3565, 58.5951



63.4396, 64.3565, 46.7065



53.0078, 64.3565, 82.9603



58.9531, 64.3565, 100.1655

Sweetspot

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



70.1291, 64.3595, 58.5964



87.2108, 88.7089, 92.7617



77.1200, 65.7296, 99.8069



18.5292, 18.7891, 19.5723



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.



70.1291, 64.3595, 58.5964



67.1081, 59.6432, 51.7183



77.6116, 79.3243, 61.0906



18.1035, 18.1753, 18.6984



21.6846, 11.3804, 1.0537



2.1428, 1.1710, 0.1131

Inverse Universe

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



73.8122, 86.7308, 106.6166



71.3727, 85.5597, 107.3607



65.1952, 69.4969, 103.7443



18.4485, 20.2686, 23.1898



25.5307, 35.9710, 55.0321



2.5150, 3.5606, 5.3680

Previews

White Background



This preview shows how the XYZ color 70.1274, 64.3565, 58.5951 looks on a white background.

Color Contrast Check

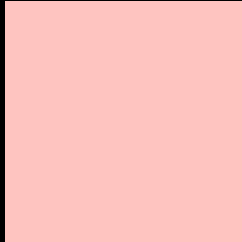
Large Text (above 18pt) WCAG AA × Fail

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 70.1274, 64.3565, 58.5951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

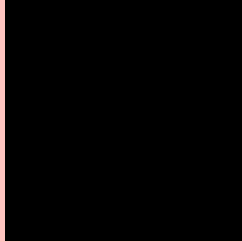
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.1274, 64.3565, 58.5951

Background



This preview shows how black text looks on a background with the XYZ color 70.1274, 64.3565, 58.5951.

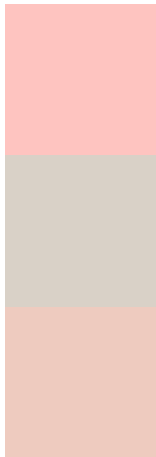


This preview shows how white text looks on a background with the XYZ color 70.1274, 64.3565,

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

70.1274, 64.3565, 58.5951

Protanopia

61.7245, 64.4762, 63.2247

Deuteranopia

66.0198, 64.6506, 58.2894



Tritanopia

71.9170, 64.3976, 68.3141

Trichromacy



Original Color

70.1274, 64.3565, 58.5951

Protanomaly

64.1898, 63.9942, 61.1935

Deuteranomaly

67.3665, 64.3032, 58.1514

Tritanomaly

71.4158, 64.5545, 64.5734

Monochromacy



Original Color

70.1274, 64.3565, 58.5951

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 70.1274, 64.3565, 58.5951 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(254, 196, 192)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 196, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 196, 192) }
```

Border

The CSS property to change the border of an element to XYZ 70.1274, 64.3565, 58.5951 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(254, 196, 192) }
```


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

```
.border{ border-color:rgb(254, 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(254, 196, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 196, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 196, 192);  
box-shadow:4px 4px 4px 4px rgb(254, 196,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1274, 64.3565, 58.5951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 196, 192) }
```

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

```
.background{ background-color: rgb(254,  
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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