

Converting Colors

XYZ(96.8325, 78.1893, 59.4322)

Have a look what the booklet for
XYZ(96.8325, 78.1893, 59.4322)
contains.

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Color

**XYZ(70.3839, 64.5014,
58.0306)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4BF
RGB	255, 196, 191
RGB Percent	100%, 77%, 75%
CMY	0.0000, 0.2313, 0.2510
CMYK	0.00, 0.23, 0.25, 0.00
HSL	5°, 100%, 87%
HSV	5°, 25%, 100%
XYZ	70.3839, 64.5014, 58.0306
YIQ	213.0710, 36.7690, 10.9530

Conversions

Conversions Part 2

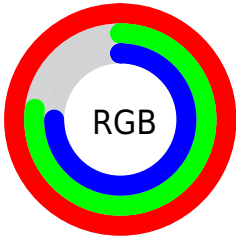
Format	Color
R _Y B	255, 196, 191
Decimal	16762047
CIE Lab	84.23, 20.35, 10.65
CIE LCh	84, 22.966, 27.625
Yxy	64.5014, 0.3648, 0.3343
Android (android.graphics.Color)	4294952127 (0xFFFFC4BF)
YUV	213.0710, -10.8810, 36.7717
Hunter-Lab	80.3128, 15.8852, 13.3785

Details

The XYZ color **70.3839, 64.5014, 58.0306** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.7204, 86.6648, 107.4503**, and the grayscale version is **63.3479, 66.6470, 72.5785**.

A 20% lighter version of the original color is **93.1538, 98.2260, 102.0455**, and **37.2864, 33.0513, 28.4591** is the 20% darker color. If you saturate the color by 10%, you get **62.9252, 53.6908, 42.8839**, and if you desaturate by 10%, it is **79.1649, 77.1745, 76.0299**.

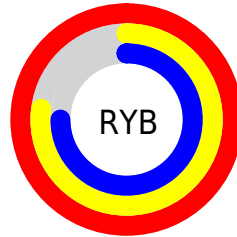
Distribution



Red (100%)

Green (77%)

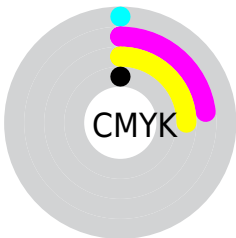
Blue (75%)



Red (100%)

Yellow (77%)

Blue (75%)

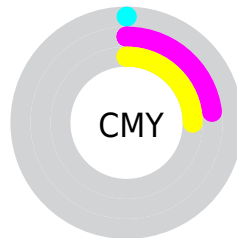


Cyan (0%)

Magenta (23%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.3839, 64.5014, 58.0306 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 70.3839, 64.5014, 58.0306 by changing the saturation by 10% instead.


 70.3839, 64.5014,
58.0306

 70.3839, 64.5014,
58.0306

451.1422,
440.9980, 434.9014

 52.1203, 47.0569,
41.4184


 118.7793,
111.3327, 103.4826

 37.3256, 33.0806,
28.3240


149.6419,
141.4883, 133.1595

 25.6345, 22.1882,
18.3289


185.4348,
176.6498, 168.0284

 16.6817, 13.9953,
11.0145

226.5234,
217.2014, 208.5078

 10.1017, 8.1174,
5.9623

273.2731,
263.5277, 255.0163

 5.5292, 4.1701,
2.7537

326.0493,

 2.5989, 1.7692,

316.0129, 307.9723

0.9703

385.2172,
375.0416, 367.7945

■ 0.9454, 0.4679,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.3839, 64.5014,
58.0306

■ 70.3839, 64.5014,
58.0306

■ 62.9252, 53.6908,
42.8839

■ 79.1649, 77.1745,
76.0299

■ 56.7203, 44.6466,
30.4397

■ 89.3232, 91.7828,
97.0136

■ 51.7015, 37.2776,
20.5400

95.0500, 100.0000,
108.9000

■ 47.7929, 31.4806,
13.0089

■ 44.9097, 27.1413,
7.6482

■ 42.9547, 24.1296,
4.2274

■ 41.8117, 22.2922,
2.4632

■ 41.4891, 21.7582,
2.0130

Harmonies

Analogous

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



71.6038, 64.5014, 71.3977



70.3839, 64.5014, 58.0306



66.6925, 64.5014, 49.1368

Triad

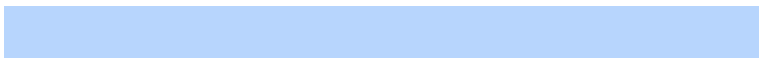
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.3839, 64.5014, 58.0306



53.4141, 64.5014, 56.2790



60.9024, 64.5014, 102.0886

Complementary

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



70.3839, 64.5014, 58.0306



73.7204, 86.6648, 107.4503

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.



56.2189, 64.5014, 96.6344



70.3839, 64.5014, 58.0306



52.0473, 64.5014, 69.0772

Square

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



70.3839, 64.5014, 58.0306



56.8838, 64.5014, 48.2281



53.0454, 64.5014, 84.0318



65.9530, 64.5014, 98.0768

Rectangle

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



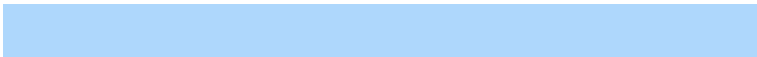
70.3839, 64.5014, 58.0306



63.4259, 64.5014, 46.2767



53.0454, 64.5014, 84.0318



59.2351, 64.5014, 101.2867

Sweetspot

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



70.3855, 64.5043, 58.0319



86.2294, 87.3385, 90.6078



77.2417, 65.4705, 99.6126



18.1235, 18.2151, 18.7050



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.



70.3855, 64.5043, 58.0319



66.5671, 58.9762, 50.2583



78.1864, 80.1062, 60.6322



18.1235, 18.2151, 18.7050



21.7190, 11.4492, 1.0652



2.1522, 1.1898, 0.1162

Inverse Universe

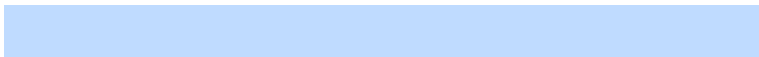
The Inverse Universe completely reimagines the original color for something new.



73.7204, 86.6648, 107.4503



70.4062, 84.5065, 107.2083



64.7984, 68.8210, 104.4763



18.4262, 20.2240, 23.1824



25.0146, 34.9387, 54.8600



2.4702, 3.4711, 5.3531

Previews

White Background



This preview shows how the XYZ color 70.3839, 64.5014, 58.0306 looks on a white background.

Color Contrast Check

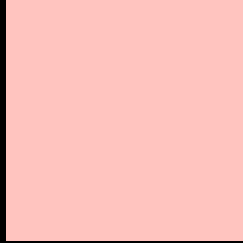
Large Text (above 18pt) WCAG AA × Fail

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 70.3839, 64.5014, 58.0306 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 70.3839, 64.5014, 58.0306

Background



This preview shows how black text looks on a background with the XYZ color 70.3839, 64.5014, 58.0306.

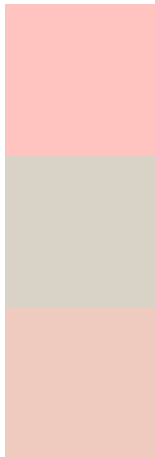


This preview shows how white text looks on a background with the XYZ color 70.3839, 64.5014,

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

70.3839, 64.5014, 58.0306

Protanopia

61.8549, 64.9221, 62.6972

Deuteranopia

65.9101, 64.6067, 57.7117



Tritanopia

71.9170, 64.3976, 68.3141

Trichromacy



Original Color

70.3839, 64.5014, 58.0306

Protanomaly

64.6366, 64.5917, 60.6905

Deuteranomaly

67.2568, 64.2594, 57.5737

Tritanomaly

71.4158, 64.5545, 64.5734

Monochromacy



Original Color

70.3839, 64.5014, 58.0306

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 70.3839, 64.5014, 58.0306 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 191) }
```

Border

The CSS property to change the border of an element to XYZ 70.3839, 64.5014, 58.0306 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, 191) }
```


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

```
.border{ border-color:rgb(255, 196, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3839, 64.5014, 58.0306 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, 191) }
```

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

```
.background{ background-color: rgb(255,  
196, 191) }
```

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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