

Converting Colors

XYZ(104.1611, 82.0190,
61.7163)

Have a look what the booklet for
XYZ(104.1611, 82.0190, 61.7163)
contains.

XYZ(70.8303, 64.6800, 60.3811)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.8303, 64.6800,
60.3811)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4C3
RGB	255, 196, 195
RGB Percent	100%, 77%, 76%
CMY	0.0000, 0.2313, 0.2353
CMYK	0.00, 0.23, 0.24, 0.00
HSL	1°, 100%, 88%
HSV	1°, 24%, 100%
XYZ	70.8303, 64.6800, 60.3811
YIQ	213.5270, 35.4850, 12.1970

Conversions

Conversions Part 2

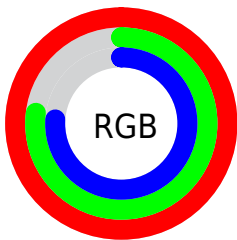
Format	Color
R _Y B	255, 196, 195
Decimal	16762051
CIE Lab	84.32, 20.90, 8.65
CIE LCh	84, 22.622, 22.475
Yxy	64.6800, 0.3616, 0.3302
Android (android.graphics.Color)	4294952131 (0xFFFFC4C3)
YUV	213.5270, -9.1338, 36.3718
Hunter-Lab	80.4239, 16.4654, 11.7826

Details

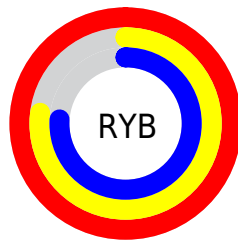
The XYZ color **70.8303, 64.6800, 60.3811** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9963, 89.7029, 107.9167**, and the grayscale version is **63.6428, 66.9572, 72.9164**.

A 20% lighter version of the original color is **93.9360, 98.5388, 106.1644**, and **37.5067, 33.1394, 29.6190** is the 20% darker color. If you saturate the color by 10%, you get **62.9989, 53.2441, 44.7401**, and if you desaturate by 10%, it is **80.1022, 78.2087, 78.9328**.

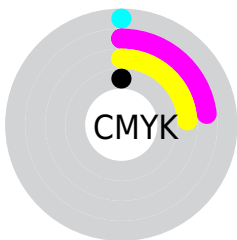
Distribution



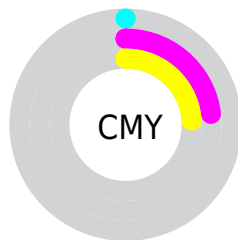
- Red (100%)
- Green (77%)
- Blue (76%)



- Red (100%)
- Yellow (77%)
- Blue (76%)



- Cyan (0%)
- Magenta (23%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.8303, 64.6800, 60.3811 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 70.8303, 64.6800, 60.3811 by changing the saturation by 10% instead.


 70.8303, 64.6800,
60.3811

 70.8303, 64.6800,
60.3811


452.6811,
441.6411, 443.8447

 52.4858, 47.2016,
43.2986


 119.4119,
111.5897, 106.9311

 37.6182, 33.1951,
29.7863


150.3796,
141.7898, 137.2356

 25.8624, 22.2759,
19.4258


186.2859,
176.9993, 172.7846

 16.8529, 14.0598,
11.7984

227.4959,
217.6025, 213.9965

 10.2243, 8.1623,
6.4857

274.3750,
263.9839, 261.2899

 5.6113, 4.1990,
3.0691

327.2887,

 2.6486, 1.7855,

316.5279, 315.0834

1.1300

386.6023,
375.6189, 375.7955

■ 0.9708, 0.4781,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.8303, 64.6800,
60.3811

■ 70.8303, 64.6800,
60.3811

■ 62.9989, 53.2441,
44.7401

■ 80.1022, 78.2087,
78.9328

■ 56.5315, 43.7884,
31.8586

■ 90.8768, 93.9180,
100.5282

■ 51.3515, 36.2031,
21.5776

95.0500, 100.0000,
108.9000

■ 47.3727, 30.3641,
13.7203

■ 44.4987, 26.1323,
8.0881

■ 42.6182, 23.3476,
4.4509

■ 41.5963, 21.8169,
2.5288

■ 41.2864, 21.3527,
1.9455

Harmonies

Analogous

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



71.5468, 64.6800, 74.1066



70.8303, 64.6800, 60.3811



67.5428, 64.6800, 50.7045

Triad

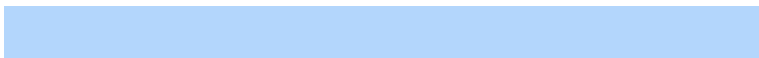
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.8303, 64.6800, 60.3811



54.1372, 64.6800, 54.8992



60.2215, 64.6800, 101.5268

Complementary

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



70.8303, 64.6800, 60.3811



75.9963, 89.7029, 107.9167

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.



55.7846, 64.6800, 94.6933



70.8303, 64.6800, 60.3811



52.3983, 64.6800, 66.8684

Square

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



70.8303, 64.6800, 60.3811



57.8611, 64.6800, 47.8527



52.9846, 64.6800, 81.5263



65.2392, 64.6800, 99.1705

Rectangle

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



70.8303, 64.6800, 60.3811



64.4278, 64.6800, 47.2245



52.9846, 64.6800, 81.5263



58.6165, 64.6800, 100.1996

Sweetspot

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



70.8318, 64.6829, 60.3824



86.9623, 88.2119, 92.6789



78.6448, 67.4466, 102.6394



18.4719, 18.6745, 19.5532



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.



70.8318, 64.6829, 60.3824



67.1561, 59.3165, 53.0376



78.2870, 79.5933, 62.8675



18.0338, 18.0357, 18.6751



21.5836, 11.1783, 1.0201



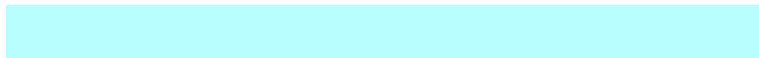
2.1097, 1.1048, 0.1021

Inverse Universe

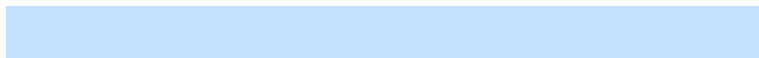
The Inverse Universe completely reimagines the original color for something new.



75.9963, 89.7029, 107.9167



73.1012, 88.1205, 107.7638



67.2119, 72.1340, 104.9886



18.5273, 20.4261, 23.2161



27.4248, 39.7592, 55.6634



2.6783, 3.8873, 5.4224

Previews

White Background



This preview shows how the XYZ color 70.8303, 64.6800, 60.3811 looks on a white background.

Color Contrast Check

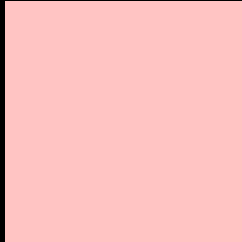
Large Text (above 18pt) WCAG AA × Fail

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 70.8303, 64.6800, 60.3811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

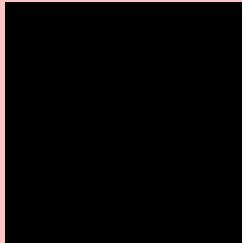
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.8303, 64.6800, 60.3811

Background



This preview shows how black text looks on a background with the XYZ color 70.8303, 64.6800, 60.3811.



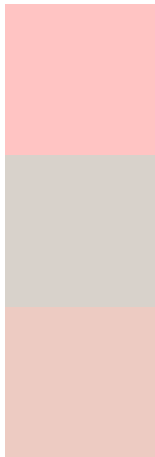
This preview shows how white text looks on a background with the XYZ color 70.8303, 64.6800,

60.3811.

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

70.8303, 64.6800, 60.3811

Protanopia

62.1450, 65.0039, 65.7715

Deuteranopia

66.0186, 64.6114, 60.0306



Tritanopia

72.2637, 64.8937, 69.0386

Trichromacy



Original Color

70.8303, 64.6800, 60.3811

Protanomaly

64.8898, 64.6558, 63.7033

Deuteranomaly

67.7001, 64.4367, 59.9083

Tritanomaly

71.6542, 64.6498, 65.8288

Monochromacy



Original Color

70.8303, 64.6800, 60.3811

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.8884, 65.7887, 68.2573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8303, 64.6800, 60.3811 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 195) }
```

Border

The CSS property to change the border of an element to XYZ 70.8303, 64.6800, 60.3811 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, 195) }
```


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

```
.border{ border-color:rgb(255, 196, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8303, 64.6800, 60.3811 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, 195) }
```

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

```
.background{ background-color: rgb(255,  
196, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor