

Converting Colors

XYZ(70.4788, 64.0636, 59.9968)

Have a look what the booklet for
XYZ(70.4788, 64.0636, 59.9968)
contains.

XYZ(70.6054, 64.2303, 60.3061)	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(70.6054, 64.2303,
60.3061)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3C3
RGB	255, 195, 195
RGB Percent	100%, 76%, 76%
CMY	0.0000, 0.2353, 0.2353
CMYK	0.00, 0.24, 0.24, 0.00
HSL	0°, 100%, 88%
HSV	0°, 24%, 100%
XYZ	70.6054, 64.2303, 60.3061
YIQ	212.9400, 35.7600, 12.7200

Conversions

Conversions Part 2

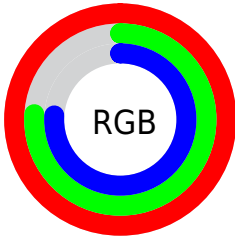
Format	Color
R _Y B	255, 195, 195
Decimal	16761795
CIE Lab	84.09, 21.43, 8.31
CIE LCh	84, 22.985, 21.207
Yxy	64.2303, 0.3618, 0.3291
Android (android.graphics.Color)	4294951875 (0xFFFFC3C3)
YUV	212.9400, -8.8444, 36.8866
Hunter-Lab	80.1438, 17.0040, 11.4865

Details

The XYZ color **70.6054, 64.2303, 60.3061** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.3145, 90.3392, 108.0227**, and the grayscale version is **63.2476, 66.5414, 72.4636**.

A 20% lighter version of the original color is **93.6211, 97.9091, 106.0594**, and **37.3586, 32.8432, 29.5697** is the 20% darker color. If you saturate the color by 10%, you get **62.7313, 52.7089, 44.6509**, and if you desaturate by 10%, it is **79.9505, 77.9053, 78.8822**.

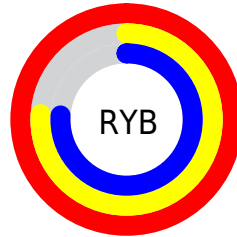
Distribution



Red (100%)

Green (76%)

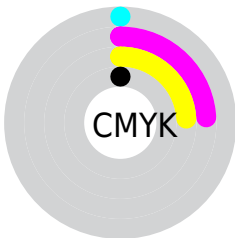
Blue (76%)



Red (100%)

Yellow (76%)

Blue (76%)

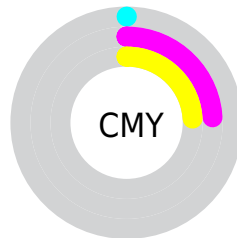


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.6054, 64.2303, 60.3061 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 70.6054, 64.2303, 60.3061 by changing the saturation by 10% instead.


 70.6054, 64.2303,
60.3061

 70.6054, 64.2303,
60.3061


451.9062,
440.0208, 443.5611

 52.3016, 46.8372,
43.2385


 119.0933,
110.9425, 106.8213

 37.4708, 32.9070,
29.7395


150.0080,
141.0305, 137.1060

 25.7476, 22.0552,
19.3906


185.8572,
176.1189, 172.6334

 16.7666, 13.8975,
11.7732

227.0061,
216.5921, 213.8222

 10.1625, 8.0494,
6.4688

273.8201,
262.8345, 261.0907

 5.5699, 4.1266,
3.0588

326.6645,

 2.6235, 1.7446,

315.2304, 314.8577

1.1247

385.9048,
374.1644, 375.5417

■ 0.9580, 0.4523,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.6054, 64.2303,
60.3061

■ 70.6054, 64.2303,
60.3061

■ 62.7313, 52.7089,
44.6509

■ 79.9505, 77.9053,
78.8822

■ 56.2490, 43.2233,
31.7644

■ 90.8312, 93.8267,
100.5129

■ 51.0788, 35.6578,
21.4867

95.0500, 100.0000,
108.9000

■ 47.1315, 29.8816,
13.6399

■ 44.3062, 25.7473,
8.0239

■ 42.4866, 23.0844,
4.4071

■ 41.5304, 21.6851,
2.5068

■ 41.2402, 21.2604,
1.9301

Harmonies

Analogous

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



71.2088, 64.2303, 74.2955



70.6054, 64.2303, 60.3061



67.3687, 64.2303, 50.3375

Triad

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



70.6054, 64.2303, 60.3061



53.7550, 64.2303, 53.8479



59.5694, 64.2303, 101.3481

Complementary

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



70.6054, 64.2303, 60.3061



76.3145, 90.3392, 108.0227

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.



55.1374, 64.2303, 94.0567



70.6054, 64.2303, 60.3061



51.9046, 64.2303, 65.7503

Square

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



70.6054, 64.2303, 60.3061



57.5868, 64.2303, 46.9838



52.3963, 64.2303, 80.5398



64.6472, 64.2303, 99.3584

Rectangle

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



70.6054, 64.2303, 60.3061



64.2468, 64.2303, 46.6757



52.3963, 64.2303, 80.5398



57.9591, 64.2303, 99.8681

Sweetspot

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



70.6070, 64.2332, 60.3074



86.8760, 88.0393, 92.6501



78.8054, 67.5108, 103.4851



18.4520, 18.6347, 19.5466



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

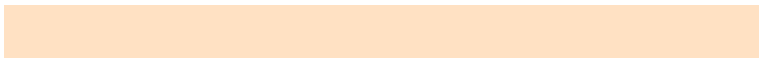
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.6070, 64.2332, 60.3074



66.9086, 58.8214, 52.9551



78.0159, 79.0510, 62.7770



18.0096, 17.9873, 18.6670



21.5490, 11.1091, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

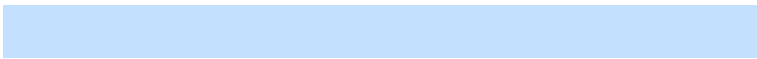
The Inverse Universe completely reimagines the original color for something new.



76.3145, 90.3392, 108.0227



73.4796, 88.8773, 107.8900



67.4814, 72.6731, 105.0784



18.5548, 20.4812, 23.2253



28.1135, 41.1366, 55.8930



2.7374, 4.0054, 5.4421

Previews

White Background



This preview shows how the XYZ color 70.6054, 64.2303, 60.3061 looks on a white background.

Color Contrast Check

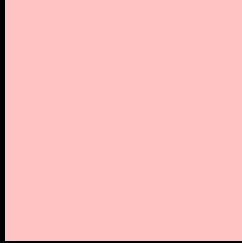
Large Text (above 18pt) WCAG AA × Fail

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 70.6054, 64.2303, 60.3061 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 70.6054, 64.2303, 60.3061

Background



This preview shows how black text looks on a background with the XYZ color 70.6054, 64.2303, 60.3061.

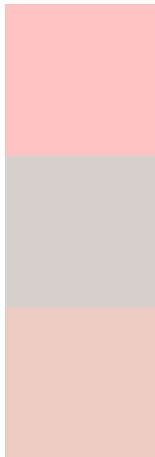


This preview shows how white text looks on a background with the XYZ color 70.6054, 64.2303,

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

70.6054, 64.2303, 60.3061

Protanopia

61.6043, 64.3598, 65.6757

Deuteranopia

65.6856, 64.4398, 60.0151



Tritanopia

71.9170, 64.3976, 68.3141

Trichromacy



Original Color

70.6054, 64.2303, 60.3061

Protanomaly

64.6513, 64.1789, 63.6238

Deuteranomaly

67.3540, 64.2583, 59.8921

Tritanomaly

71.3113, 64.1554, 65.1246

Monochromacy



Original Color

70.6054, 64.2303, 60.3061

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.2068, 65.0928, 67.5199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6054, 64.2303, 60.3061 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, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 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, 195, 195) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 70.6054, 64.2303, 60.3061 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, 195, 195) }
```


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

```
.border{ border-color:rgb(255, 195, 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, 195, 195)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 70.6054, 64.2303, 60.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 195) }
```

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

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