

Converting Colors

XYZ(92.8724, 75.7890, 60.0565)

Have a look what the booklet for
XYZ(92.8724, 75.7890, 60.0565)
contains.

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Color

**XYZ(70.3807, 64.1405,
59.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3C1
RGB	255, 195, 193
RGB Percent	100%, 76%, 76%
CMY	0.0000, 0.2353, 0.2431
CMYK	0.00, 0.24, 0.24, 0.00
HSL	2°, 100%, 88%
HSV	2°, 24%, 100%
XYZ	70.3807, 64.1405, 59.1230
YIQ	212.7120, 36.4020, 12.0980

Conversions

Conversions Part 2

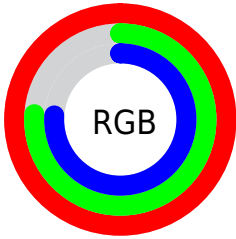
Format	Color
R _Y B	255, 195, 193
Decimal	16761793
CIE Lab	84.04, 21.15, 9.32
CIE LCh	84, 23.109, 23.772
Yxy	64.1405, 0.3635, 0.3312
Android (android.graphics.Color)	4294951873 (0xFFFFC3C1)
YUV	212.7120, -9.7180, 37.0866
Hunter-Lab	80.0878, 16.7113, 12.2919

Details

The XYZ color **70.3807, 64.1405, 59.1230** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.1664, 88.8051, 107.7871**, and the grayscale version is **63.1007, 66.3869, 72.2953**.

A 20% lighter version of the original color is **93.1493, 97.7204, 103.5750**, and **37.2845, 32.8135, 29.1795** is the 20% darker color. If you saturate the color by 10%, you get **62.6984, 52.9424, 43.7171**, and if you desaturate by 10%, it is **79.4704, 77.3678, 77.4192**.

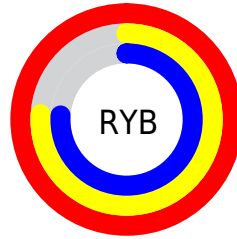
Distribution



Red (100%)

Green (76%)

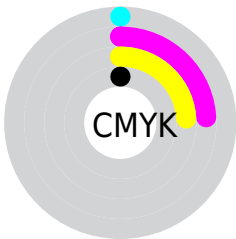
Blue (76%)



Red (100%)

Yellow (76%)

Blue (76%)

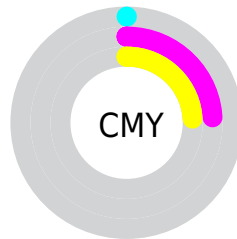


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3807, 64.1405, 59.1230 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 70.3807, 64.1405, 59.1230 by changing the saturation by 10% instead.


 70.3807, 64.1405,
59.1230

 70.3807, 64.1405,
59.1230


451.1312,
439.6968, 439.0721

 52.1177, 46.7645,
42.2915


 118.7748,
110.8133, 105.0873

 37.3235, 32.8495,
29.0023

149.6366,
140.8788, 135.0571

 25.6329, 22.0112,
18.8370


185.4287,
175.9429, 170.2435

 16.6805, 13.8651,
11.3769

226.5165,
216.3901, 211.0650

 10.1008, 8.0269,
6.2036

273.2652,
262.6047, 257.9400

 5.5286, 4.1122,
2.8985

326.0404,

 2.5986, 1.7365,

314.9711, 311.2872

1.0430

385.2072,
373.8736, 371.5250

■ 0.9452, 0.4471,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.3807, 64.1405,
59.1230

■ 70.3807, 64.1405,
59.1230

■ 62.6984, 52.9424,
43.7171

■ 79.4704, 77.3678,
77.4192

■ 56.3485, 43.6648,
31.0500

■ 90.0276, 92.7083,
98.7386

■ 51.2566, 36.2026,
20.9626

95.0500, 100.0000,
108.9000

■ 47.3392, 30.4369,
13.2777

■ 44.5022, 26.2345,
7.7958

■ 42.6377, 23.4426,
4.2852

■ 41.6150, 21.8776,
2.4630

■ 41.3295, 21.4390,
1.9598

Harmonies

Analogous

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



71.2356, 64.1405, 72.9280



70.3807, 64.1405, 59.1230



66.9418, 64.1405, 49.5534

Triad

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



70.3807, 64.1405, 59.1230



53.3939, 64.1405, 54.5271



59.9064, 64.1405, 101.6250

Complementary

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



70.3807, 64.1405, 59.1230



75.1664, 88.8051, 107.7871

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.



55.3524, 64.1405, 95.0175



70.3807, 64.1405, 59.1230



51.7298, 64.1405, 66.8368

Square

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



70.3807, 64.1405, 59.1230



57.0974, 64.1405, 47.1699



52.4264, 64.1405, 81.7754



65.0005, 64.1405, 98.8060

Rectangle

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



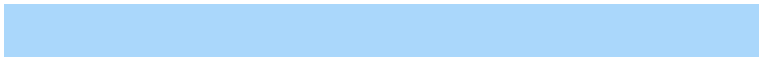
70.3807, 64.1405, 59.1230



63.7440, 64.1405, 46.2042



52.4264, 64.1405, 81.7754



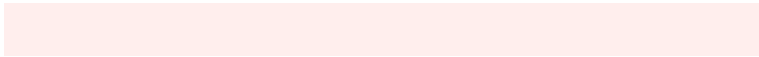
58.2653, 64.1405, 100.4064

Sweetspot

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



70.3824, 64.1434, 59.1243



87.0432, 88.3736, 92.7059



78.1943, 66.5542, 102.4629



18.4905, 18.7118, 19.5594



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.



70.3824, 64.1434, 59.1243



66.6103, 58.6476, 51.5523



77.8002, 78.9792, 61.5969



18.0565, 18.0811, 18.6827



21.6159, 11.2431, 1.0308



2.1205, 1.1264, 0.1056

Inverse Universe

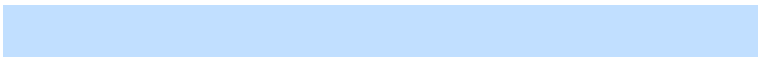
The Inverse Universe completely reimagines the original color for something new.



75.1664, 88.8051, 107.7871



72.1196, 87.0534, 107.6096



66.4217, 71.3156, 104.8722



18.5015, 20.3747, 23.2075



26.7941, 38.4978, 55.4532



2.6240, 3.7788, 5.4043

Previews

White Background



This preview shows how the XYZ color 70.3807, 64.1405, 59.1230 looks on a white background.

Color Contrast Check

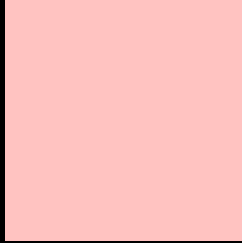
Large Text (above 18pt) WCAG AA × Fail

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 70.3807, 64.1405, 59.1230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

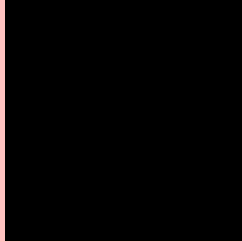
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3807, 64.1405, 59.1230

Background



This preview shows how black text looks on a background with the XYZ color 70.3807, 64.1405, 59.1230.

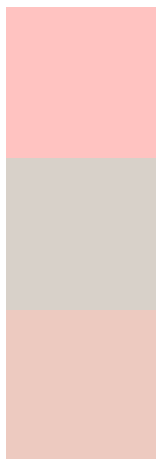


This preview shows how white text looks on a background with the XYZ color 70.3807, 64.1405,

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

70.3807, 64.1405, 59.1230

Protanopia

61.6620, 64.4169, 64.4421

Deuteranopia

65.5600, 64.0514, 58.7769



Tritanopia

71.6951, 63.9540, 68.2401

Trichromacy



Original Color

70.3807, 64.1405, 59.1230

Protanomaly

64.4190, 64.0859, 62.4007

Deuteranomaly

67.2461, 63.8857, 58.6561

Tritanomaly

71.3113, 64.1554, 65.1246

Monochromacy



Original Color

70.3807, 64.1405, 59.1230

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 70.3807, 64.1405, 59.1230 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, 193) looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 193) }
```

Border

The CSS property to change the border of an element to XYZ 70.3807, 64.1405, 59.1230 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, 193) }
```


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

```
.border{ border-color:rgb(255, 195, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3807, 64.1405, 59.1230 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, 193) }
```

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

```
.background{ background-color: rgb(255,  
195, 193) }
```

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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