

Converting Colors

XYZ(75.2539, 69.5487, 58.8154)

Have a look what the booklet for
XYZ(75.2539, 69.5487, 58.8154)
contains.

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Color

**XYZ(71.9999, 67.7335,
58.5693)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBBF
RGB	255, 203, 191
RGB Percent	100%, 80%, 75%
CMY	0.0000, 0.2039, 0.2510
CMYK	0.00, 0.20, 0.25, 0.00
HSL	11°, 100%, 87%
HSV	11°, 25%, 100%
XYZ	71.9999, 67.7335, 58.5693
YIQ	217.1800, 34.8440, 7.2920

Conversions

Conversions Part 2

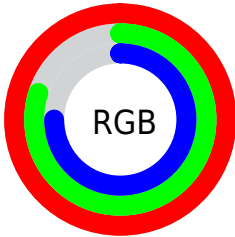
Format	Color
R _Y B	255, 206, 191
Decimal	16763839
CIE Lab	85.87, 16.69, 12.99
CIE LCh	86, 21.145, 37.898
Yxy	67.7335, 0.3631, 0.3416
Android (android.graphics.Color)	4294953919 (0xFFFFCBBF)
YUV	217.1800, -12.9067, 33.1681
Hunter-Lab	82.3004, 12.1338, 15.4163

Details

The XYZ color **71.9999, 67.7335, 58.5693** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.5854, 82.3948, 106.7386**, and the grayscale version is **66.1472, 69.5920, 75.7857**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **38.3608, 35.2002, 28.8172** is the 20% darker color. If you saturate the color by 10%, you get **64.8646, 57.5696, 43.5304**, and if you desaturate by 10%, it is **80.2809, 79.4065, 76.4020**.

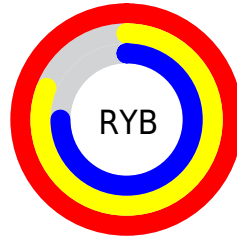
Distribution



Red (100%)

Green (80%)

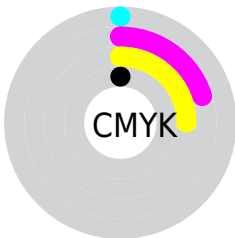
Blue (75%)



Red (100%)

Yellow (81%)

Blue (75%)

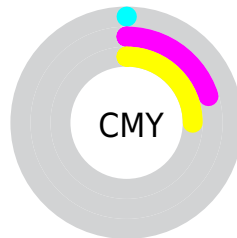


Cyan (0%)

Magenta (20%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9999, 67.7335, 58.5693 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 71.9999, 67.7335, 58.5693 by changing the saturation by 10% instead.


 71.9999, 67.7335,
58.5693

 71.9999, 67.7335,
58.5693


456.6989,
452.5512, 436.9613

 53.4441, 49.6810,
41.8488


 121.0672,
115.9708, 104.2744

 38.3863, 35.1600,
28.6582

152.3093,
146.9244, 134.0960

 26.4612, 23.7861,
18.5791


188.5110,
182.9471, 169.1218

 17.3035, 15.1750,
11.1928

230.0375,
224.4233, 209.7702

 10.5477, 8.9423,
6.0809

277.2541,
271.7374, 256.4598

 5.8286, 4.7036,
2.8247

330.5264,

 2.7808, 2.0744,

325.2738, 309.6092

1.0059

390.2195,
385.4170, 369.6368

■ 1.0389, 0.6502,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.9999, 67.7335,
58.5693

■ 71.9999, 67.7335,
58.5693

■ 64.8646, 57.5696,
43.5304

■ 80.2809, 79.4065,
76.4020

■ 58.8190, 48.8440,
31.1393

■ 89.7504, 92.6373,
97.1561

■ 53.8096, 41.4938,
21.2427

95.0500, 100.0000,
108.9000

■ 49.7765, 35.4479,
13.6701

■ 46.6533, 30.6285,
8.2295

■ 44.3647, 26.9496,
4.6974

■ 42.8220, 24.3128,
2.8000

■ 42.2901, 23.3603,
2.2800

Harmonies

Analogous

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



74.0371, 67.7335, 70.1504



71.9999, 67.7335, 58.5693



67.9417, 67.7335, 51.7225

Triad

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



71.9999, 67.7335, 58.5693



56.1405, 67.7335, 64.1758



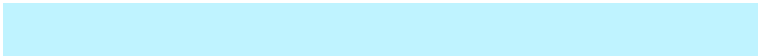
65.6651, 67.7335, 103.4038

Complementary

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



71.9999, 67.7335, 58.5693



71.5854, 82.3948, 106.7386

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.



60.9424, 67.7335, 101.2831



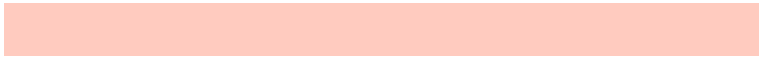
71.9999, 67.7335, 58.5693



55.5990, 67.7335, 77.4712

Square

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



71.9999, 67.7335, 58.5693



58.8332, 67.7335, 54.6658



57.3151, 67.7335, 91.3510



70.2621, 67.7335, 96.8280

Rectangle

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



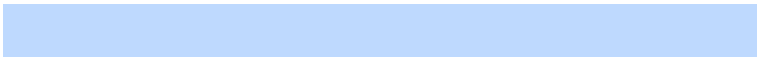
71.9999, 67.7335, 58.5693



64.7203, 67.7335, 50.2067



57.3151, 67.7335, 91.3510



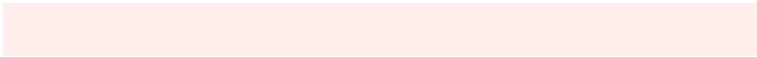
64.0382, 67.7335, 103.6981

Sweetspot

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



72.0016, 67.7366, 58.5707



86.8766, 88.6329, 90.8236



76.0892, 65.0095, 93.5433



18.2850, 18.5382, 18.7588



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

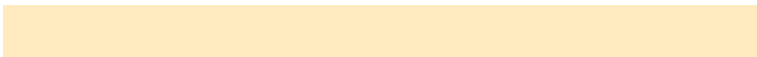
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.0016, 67.7366, 58.5707



68.3630, 62.5681, 50.8569



80.2763, 84.2860, 61.3289



18.2850, 18.5382, 18.7588



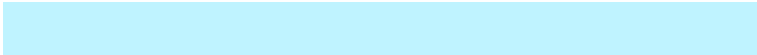
22.1759, 12.3630, 1.2175



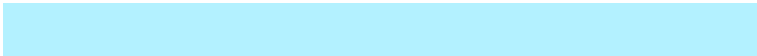
2.2291, 1.3436, 0.1418

Inverse Universe

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



71.5854, 82.3948, 106.7386



67.8769, 79.4479, 106.3652



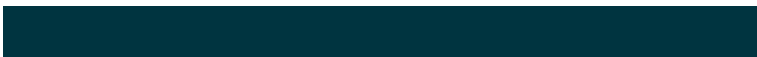
62.8971, 65.0182, 103.8425



18.2482, 19.8680, 23.1231



21.2154, 27.3404, 53.5936



2.1370, 2.8048, 5.2420

Previews

White Background



This preview shows how the XYZ color 71.9999, 67.7335, 58.5693 looks on a white background.

Color Contrast Check

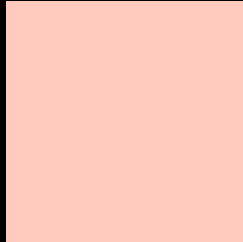
Large Text (above 18pt) WCAG AA × Fail

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 71.9999, 67.7335, 58.5693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

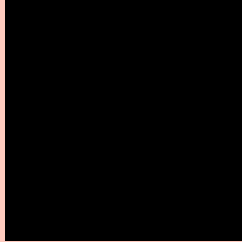
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9999, 67.7335, 58.5693

Background



This preview shows how black text looks on a background with the XYZ color 71.9999, 67.7335, 58.5693.



This preview shows how white text looks on a background with the XYZ color 71.9999, 67.7335,

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

71.9999, 67.7335, 58.5693

Protanopia

64.5560, 67.8123, 62.5099

Deuteranopia

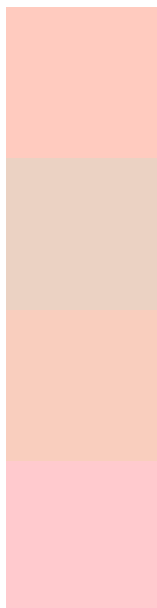
69.2633, 67.7558, 58.1428



Tritanopia

74.3924, 67.9396, 73.4827

Trichromacy



Original Color

71.9999, 67.7335, 58.5693

Protanomaly

67.1579, 67.6955, 61.1567

Deuteranomaly

70.4325, 68.0001, 58.1283

Tritanomaly

73.5011, 67.9573, 67.6357

Monochromacy



Original Color

71.9999, 67.7335, 58.5693

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.8836, 68.6300, 69.3436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9999, 67.7335, 58.5693 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, 203, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 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, 203, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 191) }
```

Border

The CSS property to change the border of an element to XYZ 71.9999, 67.7335, 58.5693 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, 203, 191) }
```


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

```
.border{ border-color:rgb(255, 203, 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, 203, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9999, 67.7335, 58.5693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 191) }
```

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

```
.background{ background-color: rgb(255,  
203, 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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