

Converting Colors

XYZ(73.4877, 70.8622, 58.5930)

Have a look what the booklet for
XYZ(73.4877, 70.8622, 58.5930)
contains.

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Color

**XYZ(73.5809, 71.0709,
58.5551)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2BE
RGB	255, 210, 190
RGB Percent	100%, 82%, 75%
CMY	0.0000, 0.1764, 0.2549
CMYK	0.00, 0.18, 0.25, 0.00
HSL	18°, 100%, 87%
HSV	18°, 25%, 100%
XYZ	73.5809, 71.0709, 58.5551
YIQ	221.1750, 33.2400, 3.3200

Conversions

Conversions Part 2

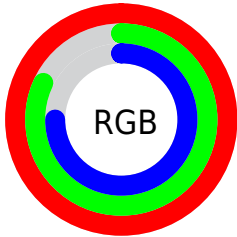
Format	Color
R _Y B	255, 219, 190
Decimal	16765630
CIE Lab	87.52, 12.90, 15.84
CIE LCh	88, 20.429, 50.840
Yxy	71.0709, 0.3621, 0.3497
Android (android.graphics.Color)	4294955710 (0xFFFFD2BE)
YUV	221.1750, -15.3693, 29.6645
Hunter-Lab	84.3036, 8.2652, 17.8312

Details

The XYZ color **73.5809, 71.0709, 58.5551** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.9926, 77.5813, 105.9461**, and the grayscale version is **68.9398, 72.5301, 78.9853**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **39.2627, 37.1191, 28.7623** is the 20% darker color. If you saturate the color by 10%, you get **66.9138, 61.8136, 43.7644**, and if you desaturate by 10%, it is **81.2197, 81.4910, 76.0770**.

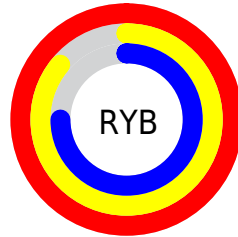
Distribution



Red (100%)

Green (82%)

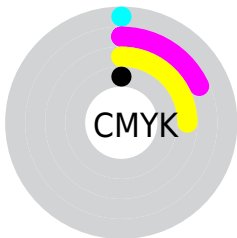
Blue (75%)



Red (100%)

Yellow (86%)

Blue (75%)

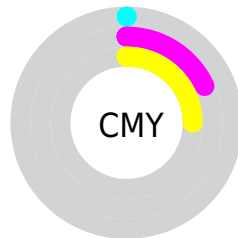


Cyan (0%)

Magenta (18%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.5809, 71.0709, 58.5551 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 73.5809, 71.0709, 58.5551 by changing the saturation by 10% instead.


 73.5809, 71.0709,
58.5551

 73.5809, 71.0709,
58.5551

462.0983,
464.3012, 436.9071

 54.7412, 52.4001,
41.8374


 123.3002,
120.7347, 104.2535

 39.4275, 37.3241,
28.6494

154.9105,
152.4964, 134.0714

 27.2747, 25.4585,
18.5725

191.5083,
189.3905, 169.0930

 17.9173, 16.4190,
11.1881

233.4591,
231.8015, 209.7370

 10.9900, 9.8211,
6.0777

281.1281,
280.1136, 256.4218

 6.1273, 5.2805,
2.8228

334.8808,

 2.9641, 2.4128,

334.7114, 309.5661

1.0049

395.0824,
395.9791, 369.5883

■ 1.1348, 0.8324,
0.0000

■ 0.0539, 0.0000,
0.0000

■ 73.5809, 71.0709,
58.5551

■ 73.5809, 71.0709,
58.5551

■ 66.9138, 61.8136,
43.7644

■ 81.2197, 81.4910,
76.0770

■ 61.1725, 53.6684,
31.5616

■ 89.8637, 93.1035,
96.4548

■ 56.3145, 46.5947,
21.7968

95.0500, 100.0000,
108.9000

■ 52.2920, 40.5456,
14.3029

■ 49.0519, 35.4704,
8.8911

■ 46.5339, 31.3134,
5.3419

■ 44.6667, 28.0120,
3.3847

■ 43.9987, 26.7775,
2.8496

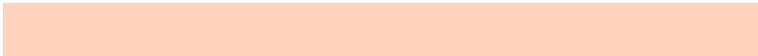
Harmonies

Analogous

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



76.5983, 71.0709, 68.3107



73.5809, 71.0709, 58.5551



69.0386, 71.0709, 54.0036

Triad

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



73.5809, 71.0709, 58.5551



58.7987, 71.0709, 73.2305



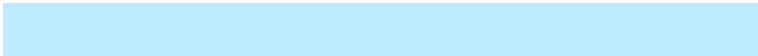
70.9056, 71.0709, 104.9690

Complementary

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



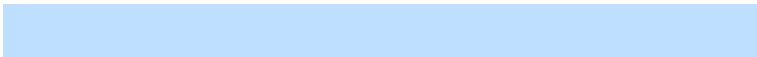
73.5809, 71.0709, 58.5551



68.9926, 77.5813, 105.9461

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.



66.0844, 71.0709, 106.6933



73.5809, 71.0709, 58.5551



59.2453, 71.0709, 87.2274

Square

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



73.5809, 71.0709, 58.5551



60.6090, 71.0709, 61.7877



61.8594, 71.0709, 99.8703



75.0033, 71.0709, 95.4063

Rectangle

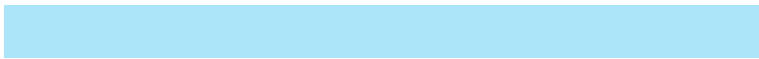
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.5809, 71.0709, 58.5551



65.8209, 71.0709, 54.1101



61.8594, 71.0709, 99.8703



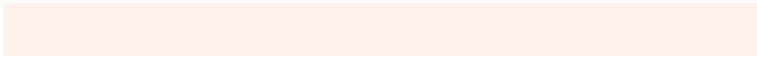
69.3107, 71.0709, 106.5259

Sweetspot

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



73.5826, 71.0741, 58.5566



87.5970, 90.0738, 91.0637



74.7216, 64.1147, 87.4140



18.4653, 18.8988, 18.8189



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.



73.5826, 71.0741, 58.5566



69.7906, 65.8307, 50.0766



82.2867, 88.4822, 61.4579



18.4653, 18.8988, 18.8189



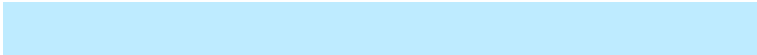
23.1056, 14.2225, 1.5274



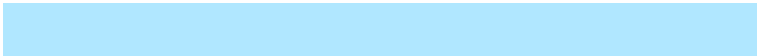
2.3416, 1.5686, 0.1794

Inverse Universe

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



68.9926, 77.5813, 105.9461



64.4270, 73.4119, 105.3820



60.6418, 60.8798, 103.1626



18.0555, 19.4825, 23.0588



17.7356, 20.3807, 52.4337



1.8238, 2.1784, 5.1376

Previews

White Background



This preview shows how the XYZ color 73.5809, 71.0709, 58.5551 looks on a white background.

Color Contrast Check

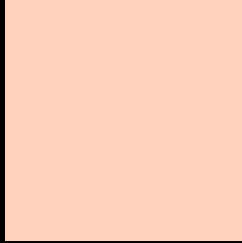
Large Text (above 18pt) WCAG AA × Fail

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 73.5809, 71.0709, 58.5551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

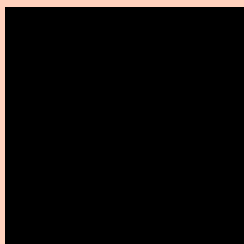
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5809, 71.0709, 58.5551

Background



This preview shows how black text looks on a background with the XYZ color 73.5809, 71.0709, 58.5551.



This preview shows how white text looks on a background with the XYZ color 73.5809, 71.0709,

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

73.5809, 71.0709, 58.5551

Protanopia

67.4949, 71.2612, 61.8272

Deuteranopia

72.3722, 70.8155, 58.5695



Tritanopia

76.6040, 71.1061, 78.0940

Trichromacy



Original Color

73.5809, 71.0709, 58.5551

Protanomaly

69.4414, 71.1391, 60.5233

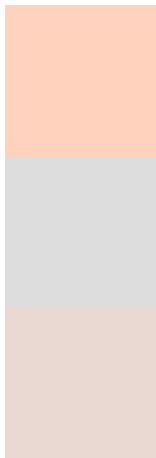
Deuteranomaly

72.7334, 71.0017, 58.5864

Tritanomaly

75.4287, 71.0249, 70.7064

Monochromacy



Original Color

73.5809, 71.0709, 58.5551

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.0500, 71.6025, 71.1014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5809, 71.0709, 58.5551 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, 210, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 190)  
}
```

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, 210, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 190) }
```

Border

The CSS property to change the border of an element to XYZ 73.5809, 71.0709, 58.5551 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, 210, 190) }
```


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

```
.border{ border-color:rgb(255, 210, 190) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 210, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5809, 71.0709, 58.5551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 190) }
```

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

```
.background{ background-color: rgb(255,  
210, 190) }
```

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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