

Converting Colors

XYZ(127.9756, 100.0000,
58.3693)

Have a look what the booklet for
XYZ(127.9756, 100.0000, 58.3693)
contains.

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Color

**XYZ(73.5404, 71.8497,
55.8913)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4B9
RGB	255, 212, 185
RGB Percent	100%, 83%, 73%
CMY	0.0000, 0.1686, 0.2745
CMYK	0.00, 0.17, 0.27, 0.00
HSL	23°, 100%, 86%
HSV	23°, 27%, 100%
XYZ	73.5404, 71.8497, 55.8913
YIQ	221.7790, 34.2950, 0.7190

Conversions

Conversions Part 2

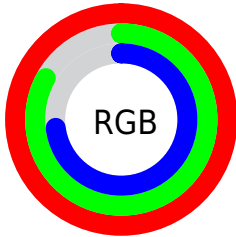
Format	Color
R _Y B	255, 229, 185
Decimal	16766137
CIE Lab	87.90, 11.19, 18.99
CIE LCh	88, 22.047, 59.491
Yxy	71.8497, 0.3654, 0.3570
Android (android.graphics.Color)	4294956217 (0xFFFFD4B9)
YUV	221.7790, -18.1320, 29.1348
Hunter-Lab	84.7642, 6.5271, 20.2407

Details

The XYZ color **73.5404, 71.8497, 55.8913** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.8001, 73.0188, 105.2337**, and the grayscale version is **69.3836, 72.9970, 79.4937**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **39.2478, 37.6502, 27.0284** is the 20% darker color. If you saturate the color by 10%, you get **67.3592, 63.4158, 41.7199**, and if you desaturate by 10%, it is **80.5878, 81.2428, 72.7350**.

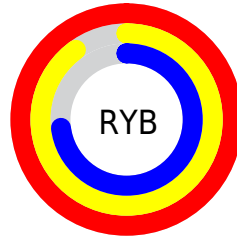
Distribution



Red (100%)

Green (83%)

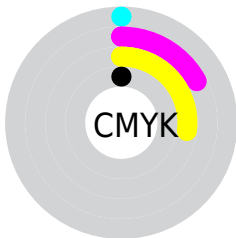
Blue (73%)



Red (100%)

Yellow (90%)

Blue (73%)

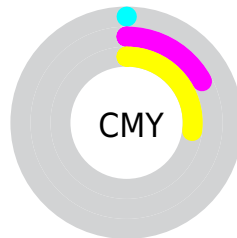


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.5404, 71.8497, 55.8913 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 73.5404, 71.8497, 55.8913 by changing the saturation by 10% instead.


 73.5404, 71.8497,
55.8913

 73.5404, 71.8497,
55.8913

461.9605,
467.0183, 426.6585

 54.7079, 53.0359,
39.7124


 123.2431,
121.8428, 100.3298

 39.4008, 37.8314,
27.0023


154.8440,
153.7909, 129.4265

 27.2538, 25.8519,
17.3425


191.4317,
190.8859, 163.6662

 17.9015, 16.7129,
10.3144

233.3716,
233.5123, 203.4674

 10.9786, 10.0300,
5.4996

281.0291,
282.0542, 249.2487

 6.1196, 5.4188,
2.4795

334.7695,

 2.9593, 2.4950,

336.8963, 301.4287

0.8292

394.9582,
398.4229, 360.4257

■ 1.1323, 0.8742,
0.0000

■ 0.0519, 0.0000,
0.0000

■ 73.5404, 71.8497,
55.8913

■ 73.5404, 71.8497,
55.8913

■ 67.3592, 63.4158,
41.7199

■ 80.5878, 81.2428,
72.7350

■ 62.0024, 55.8996,
30.0767

■ 88.5303, 91.6157,
92.3757

■ 57.4321, 49.2706,
20.8109

95.0500, 100.0000,
108.9000

■ 53.6054, 43.4925,
13.7535

■ 50.4740, 38.5263,
8.7129

■ 47.9829, 34.3287,
5.4637

■ 46.0634, 30.8498,
3.7135

■ 45.6430, 30.0659,
3.3977

Harmonies

Analogous

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



77.4517, 71.8497, 64.8562



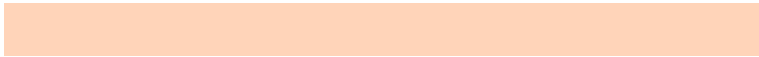
73.5404, 71.8497, 55.8913



68.3806, 71.8497, 52.7567

Triad

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



73.5404, 71.8497, 55.8913



58.6937, 71.8497, 77.9759



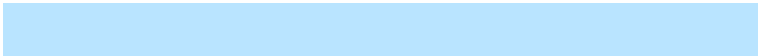
73.3775, 71.8497, 106.1648

Complementary

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



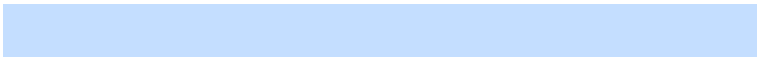
73.5404, 71.8497, 55.8913



65.8001, 73.0188, 105.2337

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.



68.2015, 71.8497, 110.8172



73.5404, 71.8497, 55.8913



59.8826, 71.8497, 93.3312

Square

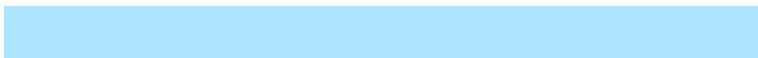
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5404, 71.8497, 55.8913



59.9647, 71.8497, 64.4649



63.2975, 71.8497, 105.8507



77.3544, 71.8497, 93.8318

Rectangle

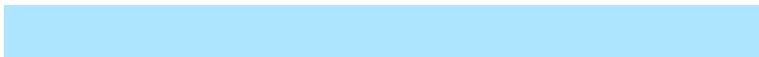
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.5404, 71.8497, 55.8913



64.9806, 71.8497, 54.0390



63.2975, 71.8497, 105.8507



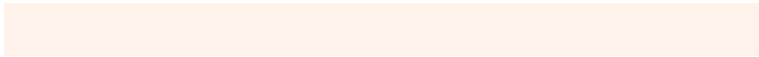
71.7119, 71.8497, 108.7439

Sweetspot

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



73.5422, 71.8530, 55.8928



88.0699, 91.0195, 91.2214



72.6161, 61.5694, 81.5774



18.5839, 19.1360, 18.8585



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.



73.5422, 71.8530, 55.8928



70.0066, 67.0550, 47.7063



83.2070, 91.1826, 59.1144



18.5839, 19.1360, 18.8585



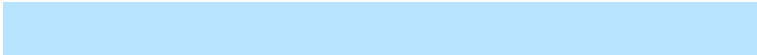
23.9831, 15.9773, 1.8199



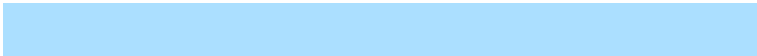
2.4371, 1.7597, 0.2112

Inverse Universe

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



65.8001, 73.0188, 105.2337



61.0758, 68.3887, 104.5891



57.1651, 55.7488, 102.3554



17.9320, 19.2355, 23.0177



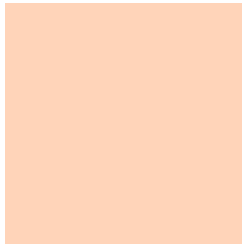
15.8474, 16.6045, 51.8043



1.6490, 1.8286, 5.0793

Previews

White Background



This preview shows how the XYZ color 73.5404, 71.8497, 55.8913 looks on a white background.

Color Contrast Check

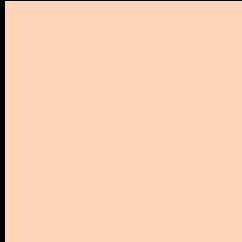
Large Text (above 18pt) WCAG AA × Fail

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 73.5404, 71.8497, 55.8913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

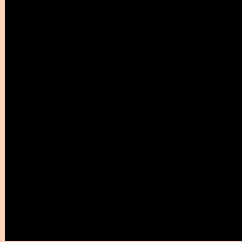
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5404, 71.8497, 55.8913

Background



This preview shows how black text looks on a background with the XYZ color 73.5404, 71.8497, 55.8913.



This preview shows how white text looks on a background with the XYZ color 73.5404, 71.8497,

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

73.5404, 71.8497, 55.8913

Protanopia

68.0572, 72.0163, 58.4577

Deuteranopia

73.1735, 71.6606, 55.8742



Tritanopia

76.9807, 71.6457, 78.8789

Trichromacy



Original Color

73.5404, 71.8497, 55.8913

Protanomaly

69.8251, 71.7818, 57.7520

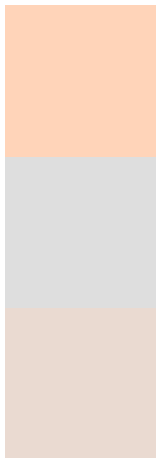
Deuteranomaly

73.1735, 71.6606, 55.8742

Tritanomaly

75.5491, 71.4644, 70.1337

Monochromacy



Original Color

73.5404, 71.8497, 55.8913

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.5117, 72.2387, 70.5487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5404, 71.8497, 55.8913 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, 212, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 185)  
}
```

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, 212, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 185) }
```

Border

The CSS property to change the border of an element to XYZ 73.5404, 71.8497, 55.8913 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, 212, 185) }
```


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

```
.border{ border-color:rgb(255, 212, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5404, 71.8497, 55.8913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 185) }
```

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

```
.background{ background-color: rgb(255,  
212, 185) }
```

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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