

Converting Colors

XYZ(70.6566, 68.4545, 55.8501)

Have a look what the booklet for
XYZ(70.6566, 68.4545, 55.8501)
contains.

XYZ(70.6001, 68.4948, 55.9542)	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(70.6001, 68.4948,
55.9542)**

Conversions

Conversions Part 1

Format	Color
Hex	FACFBA
RGB	250, 207, 186
RGB Percent	98%, 81%, 73%
CMY	0.0196, 0.1882, 0.2706
CMYK	0.00, 0.17, 0.26, 0.02
HSL	20°, 86%, 85%
HSV	20°, 26%, 98%
XYZ	70.6001, 68.4948, 55.9542
YIQ	217.4630, 32.3690, 2.5850

Conversions

Conversions Part 2

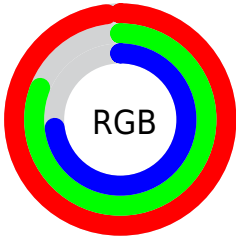
Format	Color
R _Y B	250, 217, 186
Decimal	16437178
CIE Lab	86.25, 12.07, 16.10
CIE LCh	86, 20.125, 53.137
Yxy	68.4948, 0.3620, 0.3512
Android (android.graphics.Color)	4294627258 (0xFFFACFBA)
YUV	217.4630, -15.5113, 28.5349
Hunter-Lab	82.7616, 7.4374, 17.8478

Details

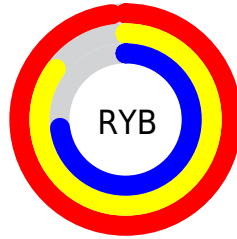
The XYZ color **70.6001, 68.4948, 55.9542** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.5237, 73.3779, 101.1527**, and the grayscale version is **66.3602, 69.8161, 76.0297**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **37.6172, 35.8134, 27.1203** is the 20% darker color. If you saturate the color by 10%, you get **64.3169, 59.8158, 41.8747**, and if you desaturate by 10%, it is **77.7848, 78.2318, 72.6297**.

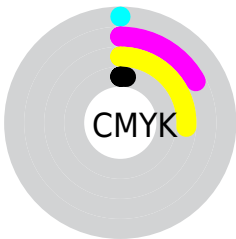
Distribution



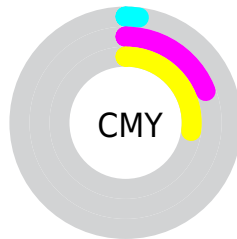
- Red (98%)
- Green (81%)
- Blue (73%)



- Red (98%)
- Yellow (85%)
- Blue (73%)



- Cyan (0%)
- Magenta (17%)
- Yellow (26%)
- Black (2%)





- Cyan (2%)
- Magenta (19%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6001, 68.4948, 55.9542 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 70.6001, 68.4948, 55.9542 by changing the saturation by 10% instead.

 70.6001, 68.4948,
55.9542

 70.6001, 68.4948,
55.9542


451.8879,
455.2471, 426.9023

 52.2973, 50.3004,
39.7625


 119.0858,
117.0597, 100.4227

 37.4673, 35.6521,
27.0410


149.9993,
148.1990, 129.5366

 25.7448, 24.1657,
17.3713


185.8471,
184.4220, 163.7949

 16.7645, 15.4565,
10.3348

226.9946,
226.1132, 203.6163

 10.1610, 9.1404,
5.5130

273.8070,
273.6569, 249.4191

 5.5689, 4.8329,
2.4873

326.6498,

 2.6229, 2.1495,

327.4375, 301.6221

0.8334

385.8883,
387.8395, 360.6436

■ 0.9577, 0.6923,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.6001, 68.4948,
55.9542

■ 70.6001, 68.4948,
55.9542

■ 64.3169, 59.8158,
41.8747

■ 77.7848, 78.2318,
72.6297

■ 58.8920, 52.1487,
30.2549

■ 85.9010, 89.0521,
92.0195

■ 54.2868, 45.4577,
20.9524

■ 93.2345, 99.0641,
108.8150

■ 50.4570, 39.7014,
13.8082

■ 47.3537, 34.8347,
8.6430

■ 44.9214, 30.8083,
5.2482

■ 43.0941, 27.5666,
3.3662

■ 42.4456, 26.3663,
2.8521

Harmonies

Analogous

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



73.6522, 68.4948, 64.9868



70.6001, 68.4948, 55.9542



66.1737, 68.4948, 51.9868

Triad

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



70.6001, 68.4948, 55.9542



56.6434, 68.4948, 71.5687



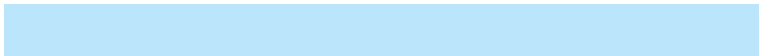
68.6697, 68.4948, 100.6173

Complementary

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



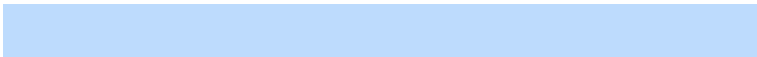
70.6001, 68.4948, 55.9542



65.5237, 73.3779, 101.1527

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.



64.0424, 68.4948, 102.9195



70.6001, 68.4948, 55.9542



57.2410, 68.4948, 85.0719

Square

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



70.6001, 68.4948, 55.9542



58.2246, 68.4948, 60.2826



59.8975, 68.4948, 96.9369



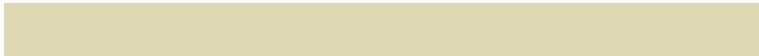
72.5012, 68.4948, 90.9743

Rectangle

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



70.6001, 68.4948, 55.9542



63.0963, 68.4948, 52.3694



59.8975, 68.4948, 96.9369



67.1503, 68.4948, 102.3189

Sweetspot

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



70.6019, 68.4979, 55.9556



87.7204, 90.3206, 91.1049



71.2294, 61.1408, 82.7145



18.4962, 18.9607, 18.8292



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

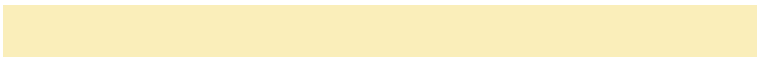
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.6019, 68.4979, 55.9556



70.1673, 66.5841, 50.2022



78.9400, 85.1742, 58.7350



17.7098, 18.1556, 18.0334



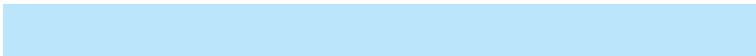
22.6308, 14.2183, 1.5516



2.1885, 1.5018, 0.1745

Inverse Universe

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



65.5237, 73.3779, 101.1527



63.9779, 72.5137, 105.2323



57.6390, 57.6085, 98.5245



17.2577, 18.5922, 22.0644



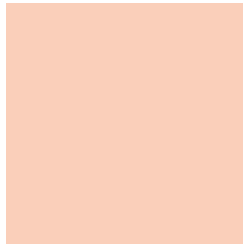
16.7123, 18.7801, 50.7176



1.6446, 1.9329, 4.7296

Previews

White Background



This preview shows how the XYZ color 70.6001, 68.4948, 55.9542 looks on a white background.

Color Contrast Check

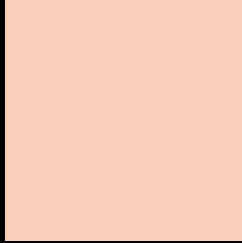
Large Text (above 18pt) WCAG AA × Fail

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 70.6001, 68.4948, 55.9542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

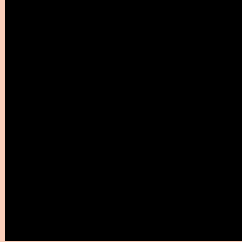
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.6001, 68.4948, 55.9542

Background



This preview shows how black text looks on a background with the XYZ color 70.6001, 68.4948, 55.9542.



This preview shows how white text looks on a background with the XYZ color 70.6001, 68.4948,

55.9542.

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

70.6001, 68.4948, 55.9542

Protanopia

64.9587, 68.4873, 58.5109

Deuteranopia

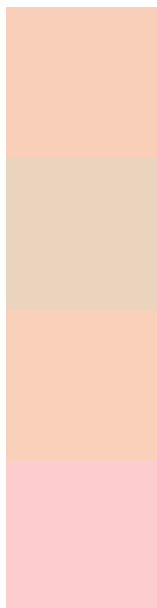
70.1302, 68.6134, 56.0018



Tritanopia

74.6485, 68.3738, 75.5927

Trichromacy



Original Color

70.6001, 68.4948, 55.9542

Protanomaly

66.9897, 68.4233, 57.8204

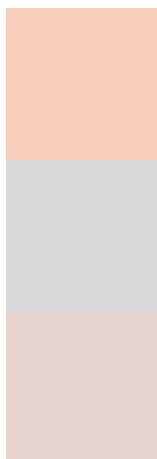
Deuteranomaly

70.4857, 68.7967, 56.0185

Tritanomaly

73.2415, 68.5246, 67.7588

Monochromacy



Original Color

70.6001, 68.4948, 55.9542

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.2479, 68.7027, 68.1091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6001, 68.4948, 55.9542 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(250, 207, 186)` looks like.

```
.text, #text, p{  
    color:rgb(250, 207, 186)  
}
```

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(250, 207, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 207, 186) }
```

Border

The CSS property to change the border of an element to XYZ 70.6001, 68.4948, 55.9542 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(250, 207, 186) }
```


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

```
.border{ border-color:rgb(250, 207, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 207, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 207, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 207, 186);  
box-shadow:4px 4px 4px 4px rgb(250, 207,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6001, 68.4948, 55.9542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 207, 186) }
```

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

```
.background{ background-color: rgb(250,  
207, 186) }
```

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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