

Converting Colors

XYZ(72.4739, 68.2399, 54.9924)

Have a look what the booklet for
XYZ(72.4739, 68.2399, 54.9924)
contains.

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Color

**XYZ(71.5898, 67.9485,
55.2411)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCB9
RGB	255, 204, 185
RGB Percent	100%, 80%, 73%
CMY	0.0000, 0.2000, 0.2745
CMYK	0.00, 0.20, 0.27, 0.00
HSL	16°, 100%, 86%
HSV	16°, 27%, 100%
XYZ	71.5898, 67.9485, 55.2411
YIQ	217.0830, 36.4950, 4.9030

Conversions

Conversions Part 2

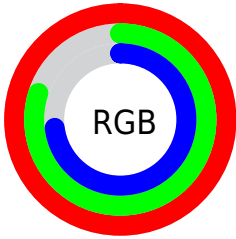
Format	Color
R _Y B	255, 211, 185
Decimal	16764089
CIE Lab	85.98, 15.35, 16.32
CIE LCh	86, 22.404, 46.738
Yxy	67.9485, 0.3675, 0.3488
Android (android.graphics.Color)	4294954169 (0xFFFFCCB9)
YUV	217.0830, -15.8169, 33.2532
Hunter-Lab	82.4309, 10.7701, 17.9684

Details

The XYZ color **71.5898, 67.9485, 55.2411** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.0520, 77.5226, 105.9844**, and the grayscale version is **66.0992, 69.5415, 75.7307**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **38.0972, 35.3490, 26.6449** is the 20% darker color. If you saturate the color by 10%, you get **64.9806, 58.6586, 40.9269**, and if you desaturate by 10%, it is **79.2119, 78.4910, 72.2763**.

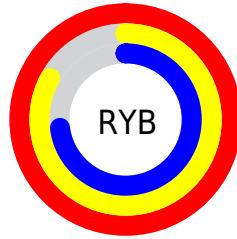
Distribution



Red (100%)

Green (80%)

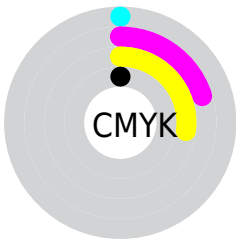
Blue (73%)



Red (100%)

Yellow (83%)

Blue (73%)

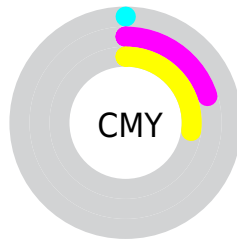


Cyan (0%)

Magenta (20%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5898, 67.9485, 55.2411 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 71.5898, 67.9485, 55.2411 by changing the saturation by 10% instead.


 71.5898, 67.9485,
55.2411

 71.5898, 67.9485,
55.2411


455.2924,
453.3135, 424.1329

 53.1079, 49.8558,
39.1949


 120.4871,
116.2785, 99.3688

 38.1168, 35.2989,
26.6024


151.6333,
147.2846, 128.2874

 26.2509, 23.8932,
17.0450


187.7315,
183.3639, 162.3338

 17.1451, 15.2544,
10.1043

229.1473,
224.9009, 201.9267

 10.4340, 8.9981,
5.3617

276.2459,
272.2800, 247.4844

 5.7521, 4.7400,
2.3986

329.3927,

 2.7341, 2.0955,

325.8855, 299.4257

0.7857

388.9531,
386.1019, 358.1690

■ 1.0148, 0.6621,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.5898, 67.9485,
55.2411

■ 71.5898, 67.9485,
55.2411

■ 64.9806, 58.6586,
40.9269

■ 79.2119, 78.4910,
72.2763

■ 59.3350, 50.5649,
29.1875

■ 87.8831, 90.3214,
92.1599

■ 54.6069, 43.6200,
19.8691

95.0500, 100.0000,
108.9000

■ 50.7441, 37.7700,
12.7998

■ 47.6890, 32.9562,
7.7845

■ 45.3754, 29.1136,
4.5945

■ 43.7224, 26.1677,
2.9332

■ 43.3825, 25.5450,
2.6442

Harmonies

Analogous

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



74.5087, 67.9485, 66.1346



71.5898, 67.9485, 55.2411



66.8749, 67.9485, 49.7302

Triad

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



71.5898, 67.9485, 55.2411



55.4403, 67.9485, 67.6844



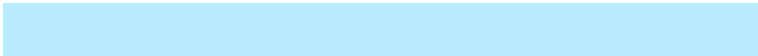
67.4689, 67.9485, 104.5064

Complementary

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



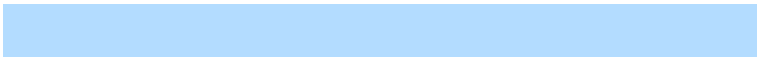
71.5898, 67.9485, 55.2411



68.0520, 77.5226, 105.9844

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.



62.3441, 67.9485, 105.0664



71.5898, 67.9485, 55.2411



55.5805, 67.9485, 82.4319

Square

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



71.5898, 67.9485, 55.2411



57.6554, 67.9485, 56.2456



58.0490, 67.9485, 96.5497



72.0445, 67.9485, 95.1082

Rectangle

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



71.5898, 67.9485, 55.2411



63.4313, 67.9485, 49.3026



58.0490, 67.9485, 96.5497



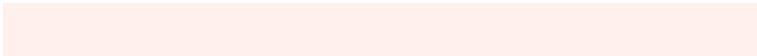
65.7486, 67.9485, 105.7741

Sweetspot

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



71.5915, 67.9516, 55.2425



87.3786, 89.6369, 90.9909



73.7782, 62.0341, 87.6966



18.4106, 18.7893, 18.8007



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.



71.5915, 67.9516, 55.2425



67.8008, 62.6434, 46.9710



80.7662, 86.3011, 58.3007



18.4106, 18.7893, 18.8007



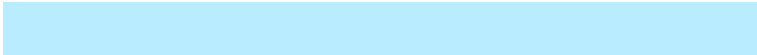
22.7734, 13.5581, 1.4167



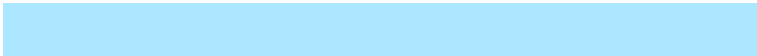
2.3034, 1.4922, 0.1666

Inverse Universe

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



68.0520, 77.5226, 105.9844



63.7116, 73.6605, 105.4677



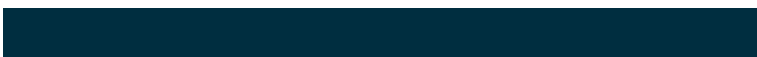
59.0227, 59.4639, 102.9746



18.1133, 19.5982, 23.0781



18.7113, 22.3321, 52.7589



1.9127, 2.3560, 5.1672

Previews

White Background



This preview shows how the XYZ color 71.5898, 67.9485, 55.2411 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 71.5898, 67.9485, 55.2411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

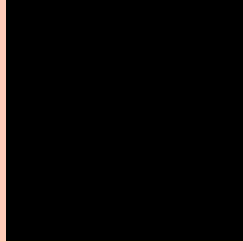
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.5898, 67.9485, 55.2411

Background



This preview shows how black text looks on a background with the XYZ color 71.5898, 67.9485, 55.2411.



This preview shows how white text looks on a background with the XYZ color 71.5898, 67.9485,

55.2411.

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

71.5898, 67.9485, 55.2411

Protanopia

64.6460, 68.3261, 58.4962

Deuteranopia

69.3223, 67.8605, 54.7921



Tritanopia

74.3924, 67.9396, 73.4827

Trichromacy



Original Color

71.5898, 67.9485, 55.2411

Protanomaly

66.9634, 68.0522, 57.1830

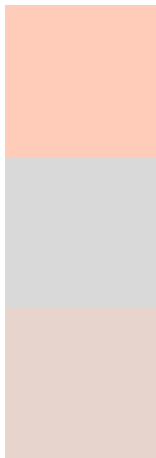
Deuteranomaly

70.1474, 67.9273, 54.7615

Tritanomaly

73.2596, 67.8607, 66.3640

Monochromacy



Original Color

71.5898, 67.9485, 55.2411

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.5179, 68.4837, 67.4177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5898, 67.9485, 55.2411 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, 204, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 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, 204, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 185) }
```

Border

The CSS property to change the border of an element to XYZ 71.5898, 67.9485, 55.2411 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, 204, 185) }
```


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

```
.border{ border-color:rgb(255, 204, 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, 204, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5898, 67.9485, 55.2411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 185) }
```

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

```
.background{ background-color: rgb(255,  
204, 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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