

Converting Colors

XYZ(77.6456, 72.2626, 54.6750)

Have a look what the booklet for
XYZ(77.6456, 72.2626, 54.6750)
contains.

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Color

**XYZ(72.1001, 69.3045,
54.3768)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFB7
RGB	255, 207, 183
RGB Percent	100%, 81%, 72%
CMY	0.0000, 0.1882, 0.2823
CMYK	0.00, 0.19, 0.28, 0.00
HSL	20°, 100%, 86%
HSV	20°, 28%, 100%
XYZ	72.1001, 69.3045, 54.3768
YIQ	218.6160, 36.3120, 2.7120

Conversions

Conversions Part 2

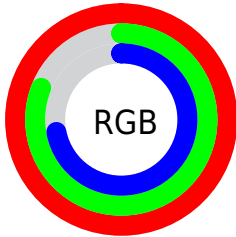
Format	Color
R_{YB}	255, 219, 183
Decimal	16764855
CIE _{Lab}	86.65, 13.53, 18.31
CIE _{LCh}	87, 22.768, 53.548
Yxy	69.3045, 0.3683, 0.3540
Android (android.graphics.Color)	4294954935 (0xFFFFCFB7)
YUV	218.6160, -17.5587, 31.9088
Hunter-Lab	83.2493, 8.9079, 19.5475

Details

The XYZ color **72.1001, 69.3045, 54.3768** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.1535, 74.4368, 105.4888**, and the grayscale version is **67.1675, 70.6654, 76.9546**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **38.4465, 36.2645, 26.0925** is the 20% darker color. If you saturate the color by 10%, you get **65.7839, 60.5419, 40.3419**, and if you desaturate by 10%, it is **79.3438, 79.1525, 71.0947**.

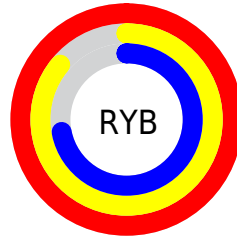
Distribution



Red (100%)

Green (81%)

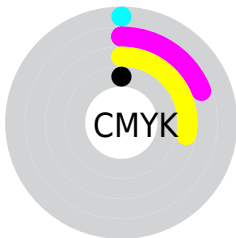
Blue (72%)



Red (100%)

Yellow (86%)

Blue (72%)

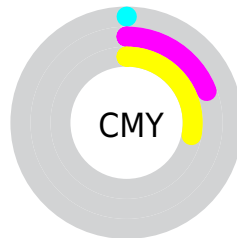


Cyan (0%)

Magenta (19%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1001, 69.3045, 54.3768 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 72.1001, 69.3045, 54.3768 by changing the saturation by 10% instead.


 72.1001, 69.3045,
54.3768

 72.1001, 69.3045,
54.3768


457.0422,
458.1042, 420.7604

 53.5262, 50.9597,
38.5078


 121.2089,
118.2164, 98.0892

 38.4522, 36.1766,
26.0721

152.4745,
149.5523, 126.7697

 26.5126, 24.5706,
16.6514


188.7013,
185.9874, 160.5578

 17.3422, 15.7574,
9.8269

230.2548,
227.9060, 199.8719

 10.5756, 9.3527,
5.1802

277.5003,
275.6926, 245.1307

 5.8474, 4.9719,
2.2928

330.8031,

 2.7923, 2.2308,

329.7316, 296.7527

0.7272

390.5286,
390.4073, 355.1564

■ 1.0449, 0.7367,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.1001, 69.3045,
54.3768

■ 72.1001, 69.3045,
54.3768

■ 65.7839, 60.5419,
40.3419

■ 79.3438, 79.1525,
71.0947

■ 60.3504, 52.8169,
28.8443

■ 87.5476, 90.1128,
90.6224

■ 55.7581, 46.0919,
19.7307

95.0500, 100.0000,
108.9000

■ 51.9598, 40.3232,
12.8295

■ 48.9031, 35.4635,
7.9455

■ 46.5277, 31.4603,
4.8486

■ 44.7559, 28.2524,
3.2236

■ 44.4899, 27.7598,
3.0133

Harmonies

Analogous

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



75.6402, 69.3045, 64.4140



72.1001, 69.3045, 54.3768



67.0212, 69.3045, 50.0648

Triad

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



72.1001, 69.3045, 54.3768



56.2756, 69.3045, 72.2353



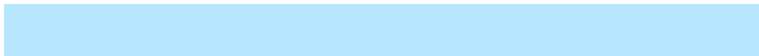
70.0184, 69.3045, 105.4297

Complementary

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



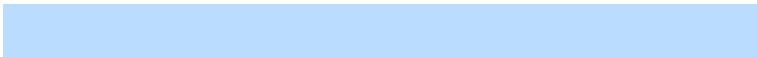
72.1001, 69.3045, 54.3768



66.1535, 74.4368, 105.4888

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.



64.7357, 69.3045, 108.2547



72.1001, 69.3045, 54.3768



56.9829, 69.3045, 87.7035

Square

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



72.1001, 69.3045, 54.3768



58.0267, 69.3045, 59.4468



60.0130, 69.3045, 101.3923



74.3941, 69.3045, 94.1199

Rectangle

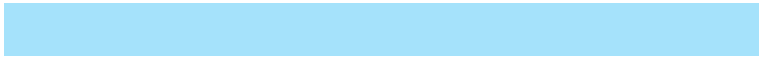
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1001, 69.3045, 54.3768



63.5184, 69.3045, 50.5424



60.0130, 69.3045, 101.3923



68.2827, 69.3045, 107.4606

Sweetspot

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



72.1017, 69.3076, 54.3782



87.7519, 90.3836, 91.1154



72.5977, 60.8972, 83.5298



18.5041, 18.9764, 18.8319



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.



72.1017, 69.3076, 54.3782



68.3490, 64.1245, 45.9674



81.8381, 88.7803, 57.6237



18.5041, 18.9764, 18.8319



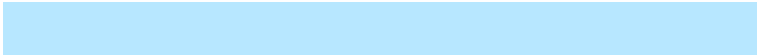
23.3689, 14.7490, 1.6152



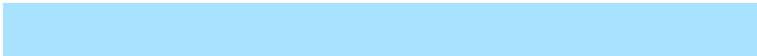
2.3710, 1.6274, 0.1891

Inverse Universe

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



66.1535, 74.4368, 105.4888



61.4843, 70.0216, 104.8827



57.0943, 56.3183, 102.4691



18.0147, 19.4011, 23.0453



17.0839, 19.0773, 52.2165



1.7640, 2.0586, 5.1177

Previews

White Background



This preview shows how the XYZ color 72.1001, 69.3045, 54.3768 looks on a white background.

Color Contrast Check

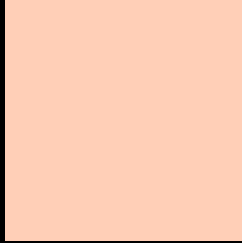
Large Text (above 18pt) WCAG AA × Fail

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 72.1001, 69.3045, 54.3768 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 72.1001, 69.3045, 54.3768

Background



This preview shows how black text looks on a background with the XYZ color 72.1001, 69.3045, 54.3768.



This preview shows how white text looks on a background with the XYZ color 72.1001, 69.3045,

54.3768.

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

72.1001, 69.3045, 54.3768

Protanopia

65.8849, 69.7505, 57.5676

Deuteranopia

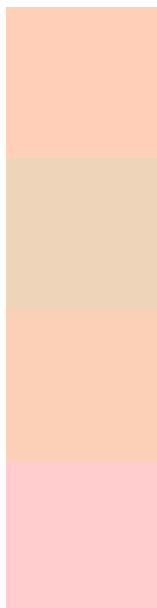
70.7720, 69.3438, 54.4544



Tritanopia

75.4878, 69.5077, 75.7674

Trichromacy



Original Color

72.1001, 69.3045, 54.3768

Protanomaly

67.9171, 69.3108, 56.2531

Deuteranomaly

71.2480, 69.2261, 54.4065

Tritanomaly

74.0908, 69.3304, 67.2347

Monochromacy



Original Color

72.1001, 69.3045, 54.3768

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.7197, 70.2129, 68.3230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1001, 69.3045, 54.3768 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, 207, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 183)  
}
```

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, 207, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 183) }
```

Border

The CSS property to change the border of an element to XYZ 72.1001, 69.3045, 54.3768 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, 207, 183) }
```


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

```
.border{ border-color:rgb(255, 207, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1001, 69.3045, 54.3768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 183) }
```

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

```
.background{ background-color: rgb(255,  
207, 183) }
```

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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