

Converting Colors

XYZ(233.0089, 152.0344,
61.7163)

Have a look what the booklet for
XYZ(233.0089, 152.0344, 61.7163)
contains.

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Color

**XYZ(71.8586, 68.8215,
54.2963)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCEB7
RGB	255, 206, 183
RGB Percent	100%, 81%, 72%
CMY	0.0000, 0.1921, 0.2823
CMYK	0.00, 0.19, 0.28, 0.00
HSL	19°, 100%, 86%
HSV	19°, 28%, 100%
XYZ	71.8586, 68.8215, 54.2963
YIQ	218.0290, 36.5870, 3.2350

Conversions

Conversions Part 2

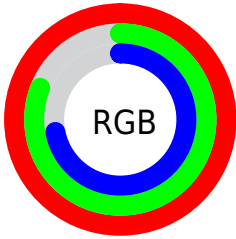
Format	Color
R_{YB}	255, 217, 183
Decimal	16764599
CIE _{Lab}	86.42, 14.05, 17.98
CIE _{LCh}	86, 22.817, 51.998
Yxy	68.8215, 0.3686, 0.3530
Android (android.graphics.Color)	4294954679 (0xFFFFCEB7)
YUV	218.0290, -17.2693, 32.4236
Hunter-Lab	82.9587, 9.4384, 19.2659

Details

The XYZ color **71.8586, 68.8215, 54.2963** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.4342, 74.9981, 105.5824**, and the grayscale version is **66.7597, 70.2364, 76.4874**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **38.2835, 35.9385, 26.0382** is the 20% darker color. If you saturate the color by 10%, you get **65.4920, 59.9580, 40.2446**, and if you desaturate by 10%, it is **79.1706, 78.8060, 71.0370**.

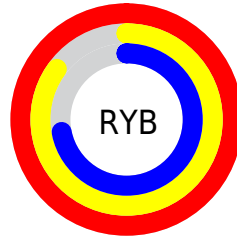
Distribution



Red (100%)

Green (81%)

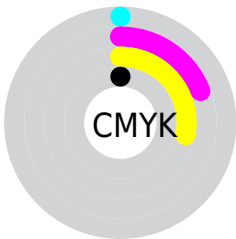
Blue (72%)



Red (100%)

Yellow (85%)

Blue (72%)

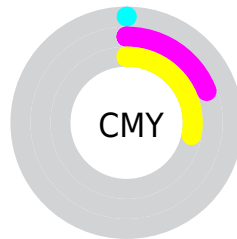


Cyan (0%)

Magenta (19%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (19%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.8586, 68.8215, 54.2963 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 71.8586, 68.8215, 54.2963 by changing the saturation by 10% instead.


 71.8586, 68.8215,
54.2963

 71.8586, 68.8215,
54.2963


456.2146,
456.4012, 420.4454

 53.3282, 50.5664,
38.4438


 120.8674,
117.5266, 97.9699

 38.2934, 35.8636,
26.0228

152.0765,
148.7453, 126.6282

 26.3887, 24.3289,
16.6148


188.2425,
185.0540, 160.3921

 17.2489, 15.5778,
9.8012

229.7309,
226.8371, 199.6802

 10.5085, 9.2259,
5.1635

276.9069,
274.4790, 244.9110

 5.8022, 4.8888,
2.2831

330.1360,

 2.7647, 2.1822,

328.3640, 296.5031

0.7217

389.7834,
388.8766, 354.8751

■ 1.0306, 0.7102,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.8586, 68.8215,
54.2963

■ 71.8586, 68.8215,
54.2963

■ 65.4920, 59.9580,
40.2446

■ 79.1706, 78.8060,
71.0370

■ 60.0249, 52.1659,
28.7358

■ 87.4613, 89.9402,
90.5937

■ 55.4149, 45.4055,
19.6163

95.0500, 100.0000,
108.9000

■ 51.6137, 39.6310,
12.7141

■ 48.5676, 34.7926,
7.8336

■ 46.2151, 30.8353,
4.7444

■ 44.4770, 27.6946,
3.1307

■ 44.2180, 27.2159,
2.9227

Harmonies

Analogous

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



75.2753, 68.8215, 64.5721



71.8586, 68.8215, 54.2963



66.8350, 68.8215, 49.6927

Triad

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



71.8586, 68.8215, 54.2963



55.8738, 68.8215, 70.9633



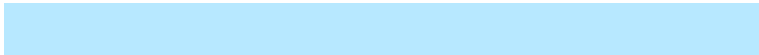
69.2861, 68.8215, 105.2249

Complementary

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



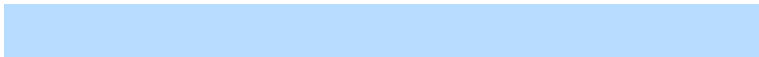
71.8586, 68.8215, 54.2963



66.4342, 74.9981, 105.5824

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.



64.0109, 68.8215, 107.5390



71.8586, 68.8215, 54.2963



56.4517, 68.8215, 86.3510

Square

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



71.8586, 68.8215, 54.2963



57.7413, 68.8215, 58.4349



59.3644, 68.8215, 100.2350



73.7353, 68.8215, 94.2807

Rectangle

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



71.8586, 68.8215, 54.2963



63.3268, 68.8215, 49.9607



59.3644, 68.8215, 100.2350



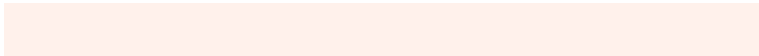
67.5440, 68.8215, 107.0921

Sweetspot

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



71.8602, 68.8246, 54.2977



87.6679, 90.2156, 91.0874



72.7678, 60.9653, 84.4256



18.4831, 18.9343, 18.8249



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.



71.8602, 68.8246, 54.2977



68.0762, 63.5791, 45.8765



81.4801, 88.0644, 57.5043



18.4831, 18.9343, 18.8249



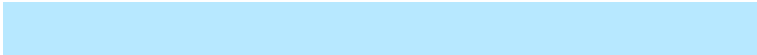
23.2233, 14.4578, 1.5666



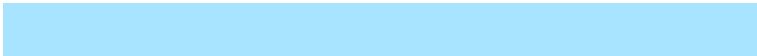
2.3548, 1.5951, 0.1838

Inverse Universe

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



66.4342, 74.9981, 105.5824



61.8131, 70.6791, 104.9923



57.3642, 56.8583, 102.5591



18.0368, 19.4452, 23.0526



17.4331, 19.7759, 52.3329



1.7961, 2.1229, 5.1284

Previews

White Background



This preview shows how the XYZ color 71.8586, 68.8215, 54.2963 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 71.8586, 68.8215, 54.2963 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 71.8586, 68.8215, 54.2963

Background



This preview shows how black text looks on a background with the XYZ color 71.8586, 68.8215, 54.2963.



This preview shows how white text looks on a background with the XYZ color 71.8586, 68.8215,

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

71.8586, 68.8215, 54.2963

Protanopia

65.3115, 69.0735, 57.4672

Deuteranopia

70.1700, 68.6704, 54.3561



Tritanopia

75.1203, 68.9816, 75.0012

Trichromacy



Original Color

71.8586, 68.8215, 54.2963

Protanomaly

67.3315, 68.6367, 56.1538

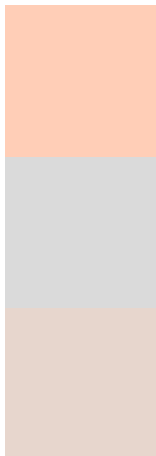
Deuteranomaly

70.6437, 68.5538, 54.3086

Tritanomaly

73.8523, 68.8535, 67.1552

Monochromacy



Original Color

71.8586, 68.8215, 54.2963

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.0210, 69.4898, 67.5854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8586, 68.8215, 54.2963 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, 206, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 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, 206, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 183) }
```

Border

The CSS property to change the border of an element to XYZ 71.8586, 68.8215, 54.2963 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, 206, 183) }
```


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

```
.border{ border-color:rgb(255, 206, 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, 206, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 206, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 206, 183); box-shadow:4px 4px 4px 4px rgb(255, 206, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8586, 68.8215, 54.2963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 183) }
```

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

```
.background{ background-color: rgb(255,  
206, 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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