

Converting Colors

XYZ(81.5368, 73.4182, 54.6146)

Have a look what the booklet for
XYZ(81.5368, 73.4182, 54.6146)
contains.

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Color

**XYZ(71.6186, 68.3415,
54.2163)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDB7
RGB	255, 205, 183
RGB Percent	100%, 80%, 72%
CMY	0.0000, 0.1961, 0.2823
CMYK	0.00, 0.20, 0.28, 0.00
HSL	18°, 100%, 86%
HSV	18°, 28%, 100%
XYZ	71.6186, 68.3415, 54.2163
YIQ	217.4420, 36.8620, 3.7580

Conversions

Conversions Part 2

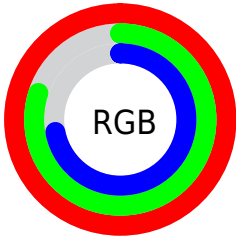
Format	Color
R _Y B	255, 215, 183
Decimal	16764343
CIE Lab	86.18, 14.57, 17.65
CIE LCh	86, 22.884, 50.456
Yxy	68.3415, 0.3688, 0.3520
Android (android.graphics.Color)	4294954423 (0xFFFFCDB7)
YUV	217.4420, -16.9799, 32.9384
Hunter-Lab	82.6689, 9.9694, 18.9844

Details

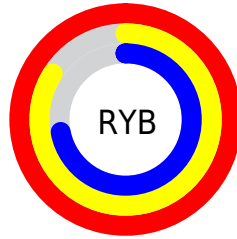
The XYZ color **71.6186, 68.3415, 54.2163** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.7165, 75.5628, 105.6765**, and the grayscale version is **66.3532, 69.8088, 76.0217**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **38.1218, 35.6152, 25.9843** is the 20% darker color. If you saturate the color by 10%, you get **65.2027, 59.3794, 40.1481**, and if you desaturate by 10%, it is **78.9980, 78.4608, 70.9794**.

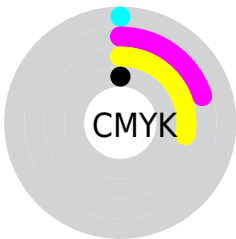
Distribution



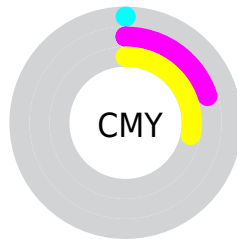
- Red (100%)
- Green (80%)
- Blue (72%)



- Red (100%)
- Yellow (84%)
- Blue (72%)



- Cyan (0%)
- Magenta (20%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6186, 68.3415, 54.2163 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 71.6186, 68.3415, 54.2163 by changing the saturation by 10% instead.


 71.6186, 68.3415,
54.2163

 71.6186, 68.3415,
54.2163

455.3913,
454.7050, 420.1322

 53.1315, 50.1756,
38.3803


 120.5279,
116.8406, 97.8514

 38.1357, 35.5530,
25.9738

151.6808,
147.9425, 126.4875

 26.2657, 24.0891,
16.5785


187.7863,
184.1253, 160.2273

 17.1562, 15.3998,
9.7756

229.2099,
225.7732, 199.4895

 10.4419, 9.1004,
5.1468

276.3168,
273.2708, 244.6926

 5.7575, 4.8067,
2.2734

329.4724,

 2.7374, 2.1343,

327.0023, 296.2550

0.7163

389.0421,
387.3523, 354.5954

■ 1.0165, 0.6838,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.6186, 68.3415,
54.2163

■ 71.6186, 68.3415,
54.2163

■ 65.2027, 59.3794,
40.1481

■ 78.9980, 78.4608,
70.9794

■ 59.7035, 51.5231,
28.6286

■ 87.3752, 89.7680,
90.5649

■ 55.0775, 44.7307,
19.5038

95.0500, 100.0000,
108.9000

■ 51.2753, 38.9541,
12.6013

■ 48.2418, 34.1409,
7.7250

■ 45.9142, 30.2333,
4.6441

■ 44.2116, 27.1637,
3.0422

■ 43.9597, 26.6995,
2.8366

Harmonies

Analogous

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



74.9126, 68.3415, 64.7312



71.6186, 68.3415, 54.2163



66.6499, 68.3415, 49.3227

Triad

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



71.6186, 68.3415, 54.2163



55.4744, 68.3415, 69.7069



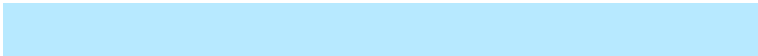
68.5597, 68.3415, 105.0223

Complementary

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



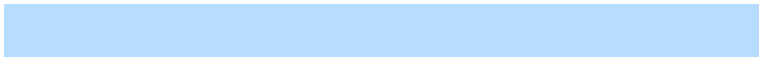
71.6186, 68.3415, 54.2163



66.7165, 75.5628, 105.6765

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.



63.2921, 68.3415, 106.8281



71.6186, 68.3415, 54.2163



55.9242, 68.3415, 85.0134

Square

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



71.6186, 68.3415, 54.2163



57.4574, 68.3415, 57.4349



58.7210, 68.3415, 99.0879



73.0814, 68.3415, 94.4434

Rectangle

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



71.6186, 68.3415, 54.2163



63.1364, 68.3415, 49.3836



58.7210, 68.3415, 99.0879



66.8114, 68.3415, 106.7263

Sweetspot

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



71.6202, 68.3446, 54.2177



87.5841, 90.0479, 91.0594



72.9391, 61.0338, 85.3275



18.4621, 18.8923, 18.8179



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.



71.6202, 68.3446, 54.2177



67.8057, 63.0380, 45.7863



81.1245, 87.3532, 57.3858



18.4621, 18.8923, 18.8179



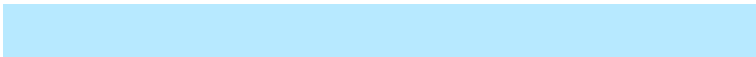
23.0847, 14.1806, 1.5204



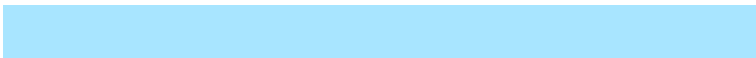
2.3393, 1.5639, 0.1786

Inverse Universe

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



66.7165, 75.5628, 105.6765



62.1442, 71.3414, 105.1027



57.6363, 57.4025, 102.6498



18.0589, 19.4894, 23.0600



17.7916, 20.4927, 52.4524



1.8290, 2.1886, 5.1393

Previews

White Background



This preview shows how the XYZ color 71.6186, 68.3415, 54.2163 looks on a white background.

Color Contrast Check

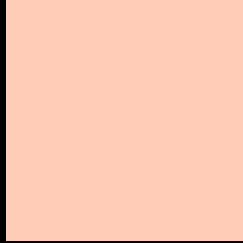
Large Text (above 18pt) WCAG AA × Fail

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 71.6186, 68.3415, 54.2163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

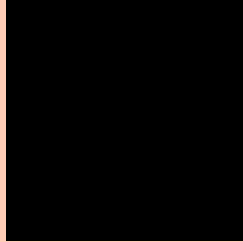
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6186, 68.3415, 54.2163

Background



This preview shows how black text looks on a background with the XYZ color 71.6186, 68.3415, 54.2163.



This preview shows how white text looks on a background with the XYZ color 71.6186, 68.3415,

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

71.6186, 68.3415, 54.2163

Protanopia

64.7416, 68.4005, 57.3673

Deuteranopia

69.7108, 68.4456, 53.7931



Tritanopia

74.7552, 68.4589, 74.2396

Trichromacy



Original Color

71.6186, 68.3415, 54.2163

Protanomaly

67.0822, 68.1382, 56.0708

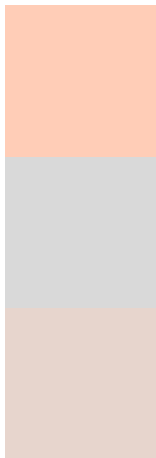
Deuteranomaly

70.5400, 68.5123, 53.7623

Tritanomaly

73.4950, 68.3315, 66.4424

Monochromacy



Original Color

71.6186, 68.3415, 54.2163

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.7687, 68.9852, 67.5013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6186, 68.3415, 54.2163 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, 205, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 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, 205, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 183) }
```

Border

The CSS property to change the border of an element to XYZ 71.6186, 68.3415, 54.2163 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, 205, 183) }
```


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

```
.border{ border-color:rgb(255, 205, 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, 205, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 205, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 205, 183); box-shadow:4px 4px 4px 4px rgb(255, 205, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6186, 68.3415, 54.2163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 183) }
```

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

```
.background{ background-color: rgb(255,  
205, 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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