

Converting Colors

XYZ(70.8351, 66.6744, 54.2639)

Have a look what the booklet for
XYZ(70.8351, 66.6744, 54.2639)
contains.

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Color

**XYZ(70.7784, 66.4940,
54.4516)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9B8
RGB	255, 201, 184
RGB Percent	100%, 79%, 72%
CMY	0.0000, 0.2117, 0.2784
CMYK	0.00, 0.21, 0.28, 0.00
HSL	14°, 100%, 86%
HSV	14°, 28%, 100%
XYZ	70.7784, 66.4940, 54.4516
YIQ	215.2080, 37.6410, 6.1610

Conversions

Conversions Part 2

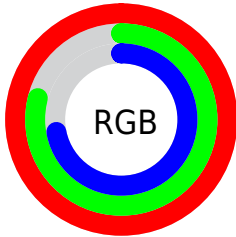
Format	Color
R _Y B	255, 206, 184
Decimal	16763320
CIE Lab	85.25, 16.79, 15.82
CIE LCh	85, 23.064, 43.291
Yxy	66.4940, 0.3692, 0.3468
Android (android.graphics.Color)	4294953400 (0xFFFFC9B8)
YUV	215.2080, -15.3855, 34.8976
Hunter-Lab	81.5439, 12.2326, 17.4893

Details

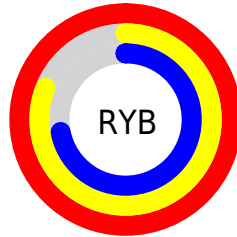
The XYZ color **70.7784, 66.4940, 54.4516** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.3907, 78.5568, 106.1662**, and the grayscale version is **64.8168, 68.1923, 74.2614**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **37.5564, 34.3764, 26.1286** is the 20% darker color. If you saturate the color by 10%, you get **64.1038, 57.0439, 40.2065**, and if you desaturate by 10%, it is **78.5089, 77.2844, 71.4272**.

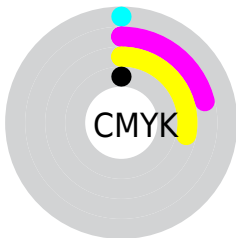
Distribution



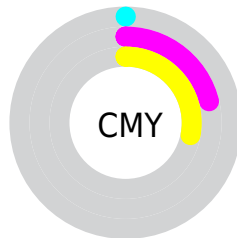
- Red (100%)
- Green (79%)
- Blue (72%)



- Red (100%)
- Yellow (81%)
- Blue (72%)



- Cyan (0%)
- Magenta (21%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.7784, 66.4940, 54.4516 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 70.7784, 66.4940, 54.4516 by changing the saturation by 10% instead.


 70.7784, 66.4940,
54.4516

 70.7784, 66.4940,
54.4516


452.5023,
448.1415, 421.0530

 52.4433, 48.6735,
38.5672


 119.3384,
114.1951, 98.2001

 37.5842, 34.3606,
26.1180


150.2939,
144.8444, 126.9012

 25.8359, 23.1707,
16.6854


186.1870,
180.5389, 160.7117

 16.8329, 14.7196,
9.8508

227.3829,
221.6629, 200.0501

 10.2100, 8.6229,
5.1959

274.2470,
268.6007, 245.3348

 5.6018, 4.4960,
2.3019

327.1447,

 2.6428, 1.9547,

321.7369, 296.9845

0.7323

386.4414,
381.4557, 355.4177

■ 0.9678, 0.5810,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.7784, 66.4940,
54.4516

■ 70.7784, 66.4940,
54.4516

■ 64.1038, 57.0439,
40.2065

■ 78.5089, 77.2844,
71.4272

■ 58.4331, 48.8722,
28.5444

■ 87.3343, 89.4557,
91.2621

■ 53.7171, 41.9257,
19.3099

95.0500, 100.0000,
108.9000

■ 49.9003, 36.1436,
12.3293

■ 46.9209, 31.4599,
7.4054

■ 44.7085, 27.8012,
4.3062

■ 43.1753, 25.0824,
2.7238

■ 42.9127, 24.6055,
2.4876

Harmonies

Analogous

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



73.4627, 66.4940, 66.0016



70.7784, 66.4940, 54.4516



66.1256, 66.4940, 48.2462

Triad

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



70.7784, 66.4940, 54.4516



54.0809, 66.4940, 64.4591



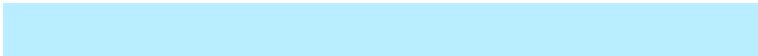
65.5323, 66.4940, 104.0749

Complementary

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



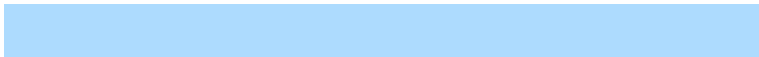
70.7784, 66.4940, 54.4516



68.3907, 78.5568, 106.1662

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.



60.3631, 66.4940, 103.5115



70.7784, 66.4940, 54.4516



53.9415, 66.4940, 79.2005

Square

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



70.7784, 66.4940, 54.4516



56.5756, 66.4940, 53.4566



56.1839, 66.4940, 93.9153



70.3236, 66.4940, 95.3625

Rectangle

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



70.7784, 66.4940, 54.4516



62.6271, 66.4940, 47.3633



56.1839, 66.4940, 93.9153



63.7775, 66.4940, 104.9963

Sweetspot

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



70.7800, 66.4970, 54.4530



87.1866, 89.2530, 90.9269



73.8772, 61.7402, 89.2467



18.3625, 18.6933, 18.7847



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.



70.7800, 66.4970, 54.4530



67.2082, 61.4582, 46.7735



79.9067, 84.7503, 57.4952



18.3625, 18.6933, 18.7847



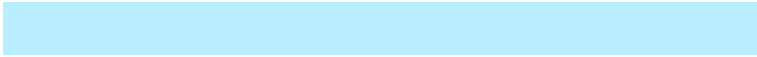
22.5182, 13.0477, 1.3316



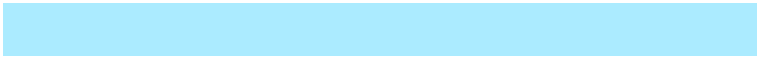
2.2728, 1.4309, 0.1564

Inverse Universe

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



68.3907, 78.5568, 106.1662



64.4760, 75.1892, 105.7225



59.1580, 60.0915, 103.0886



18.1645, 19.7007, 23.0952



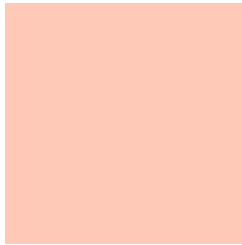
19.6249, 24.1593, 53.0635



1.9951, 2.5208, 5.1947

Previews

White Background



This preview shows how the XYZ color 70.7784, 66.4940, 54.4516 looks on a white background.

Color Contrast Check

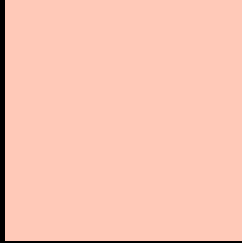
Large Text (above 18pt) WCAG AA × Fail

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 70.7784, 66.4940, 54.4516 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 70.7784, 66.4940, 54.4516

Background



This preview shows how black text looks on a background with the XYZ color 70.7784, 66.4940, 54.4516.



This preview shows how white text looks on a background with the XYZ color 70.7784, 66.4940,

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

70.7784, 66.4940, 54.4516

Protanopia

63.5199, 66.9942, 58.2985

Deuteranopia

68.0348, 66.4940, 54.0486



Tritanopia

73.3177, 66.4016, 71.2399

Trichromacy



Original Color

70.7784, 66.4940, 54.4516

Protanomaly

66.1385, 66.8939, 57.0029

Deuteranomaly

69.2070, 66.7444, 54.0351

Tritanomaly

72.3241, 66.3711, 64.8761

Monochromacy



Original Color

70.7784, 66.4940, 54.4516

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.5788, 67.2758, 66.6032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7784, 66.4940, 54.4516 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, 201, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 184)  
}
```

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, 201, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 184) }
```

Border

The CSS property to change the border of an element to XYZ 70.7784, 66.4940, 54.4516 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, 201, 184) }
```


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

```
.border{ border-color:rgb(255, 201, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7784, 66.4940, 54.4516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 184) }
```

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

```
.background{ background-color: rgb(255,  
201, 184) }
```

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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