

Converting Colors

XYZ(96.5944, 78.3904, 55.2481)

Have a look what the booklet for
XYZ(96.5944, 78.3904, 55.2481)
contains.

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Color

**XYZ(69.8580, 64.6532,
54.1448)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5B8
RGB	255, 197, 184
RGB Percent	100%, 77%, 72%
CMY	0.0000, 0.2274, 0.2784
CMYK	0.00, 0.23, 0.28, 0.00
HSL	11°, 100%, 86%
HSV	11°, 28%, 100%
XYZ	69.8580, 64.6532, 54.1448
YIQ	212.8600, 38.7410, 8.2530

Conversions

Conversions Part 2

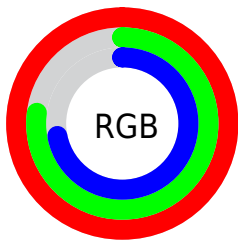
Format	Color
R _Y B	255, 200, 184
Decimal	16762296
CIE Lab	84.30, 18.88, 14.49
CIE LCh	84, 23.798, 37.502
Yxy	64.6532, 0.3703, 0.3427
Android (android.graphics.Color)	4294952376 (0xFFFFC5B8)
YUV	212.8600, -14.2280, 36.9568
Hunter-Lab	80.4072, 14.3686, 16.3602

Details

The XYZ color **69.8580, 64.6532, 54.1448** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.5682, 80.9119, 106.5587**, and the grayscale version is **63.2276, 66.5204, 72.4407**.

A 20% lighter version of the original color is **92.4100, 98.4349, 96.5674**, and **36.9452, 33.1539, 25.9249** is the 20% darker color. If you saturate the color by 10%, you get **63.0149, 54.8661, 39.8435**, and if you desaturate by 10%, it is **77.8396, 75.9459, 71.2041**.

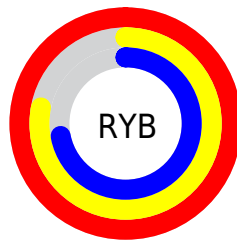
Distribution



Red (100%)

Green (77%)

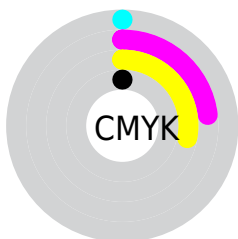
Blue (72%)



Red (100%)

Yellow (78%)

Blue (72%)

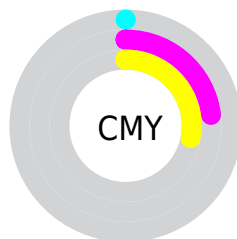


Cyan (0%)

Magenta (23%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.8580, 64.6532, 54.1448 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 69.8580, 64.6532, 54.1448 by changing the saturation by 10% instead.


 69.8580, 64.6532,
54.1448

 69.8580, 64.6532,
54.1448

449.3255,
441.5447, 419.8522

 51.6900, 47.1799,
38.3235


 118.0336,
111.5511, 97.7454

 36.9813, 33.1779,
25.9301

148.7719,
141.7446, 126.3617

 25.3666, 22.2628,
16.5460


184.4309,
176.9468, 160.0801

 16.4806, 14.0501,
9.7528

225.3761,
217.5423, 199.3191

 9.9579, 8.1555,
5.1319

271.9728,
263.9155, 244.4973

 5.4331, 4.1946,
2.2648

324.5864,

 2.5409, 1.7830,

316.4507, 296.0331

0.7114

383.5821,
375.5323, 354.3453

■ 0.9159, 0.4766,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.8580, 64.6532,
54.1448

■ 69.8580, 64.6532,
54.1448

■ 63.0149, 54.8661,
39.8435

■ 77.8396, 75.9459,
71.2041

■ 57.2531, 46.5122,
28.1510

■ 87.0040, 88.7951,
91.1520

■ 52.5173, 39.5261,
18.9100

95.0500, 100.0000,
108.9000

■ 48.7454, 33.8340,
11.9444

■ 45.8683, 29.3547,
7.0545

■ 43.8067, 25.9977,
4.0056

■ 42.4628, 23.6574,
2.4863

■ 42.2449, 23.2698,
2.2650

Harmonies

Analogous

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



72.0706, 64.6532, 66.6700



69.8580, 64.6532, 54.1448



65.4163, 64.6532, 46.8154

Triad

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



69.8580, 64.6532, 54.1448



52.5444, 64.6532, 59.8509



62.7853, 64.6532, 103.3192

Complementary

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



69.8580, 64.6532, 54.1448



69.5682, 80.9119, 106.5587

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.



57.6491, 64.6532, 100.8045



69.8580, 64.6532, 54.1448



51.9293, 64.6532, 74.2590

Square

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



69.8580, 64.6532, 54.1448



55.4780, 64.6532, 49.7660



53.7470, 64.6532, 89.6122



67.8379, 64.6532, 96.0607

Rectangle

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



69.8580, 64.6532, 54.1448



61.8943, 64.6532, 45.1709



53.7470, 64.6532, 89.6122



61.0096, 64.6532, 103.6050

Sweetspot

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



69.8596, 64.6561, 54.1461



86.8503, 88.5804, 90.8148



74.5837, 62.0228, 92.9668



18.2784, 18.5251, 18.7566



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.



69.8596, 64.6561, 54.1461



66.1909, 59.4236, 46.4344



78.5613, 82.0596, 57.0467



18.2784, 18.5251, 18.7566



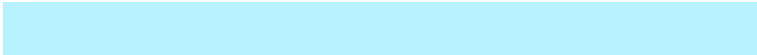
22.1507, 12.3127, 1.2091



2.2257, 1.3368, 0.1407

Inverse Universe

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



69.5682, 80.9119, 106.5587



65.8503, 77.9379, 106.1806



60.2925, 62.3604, 103.4667



18.2553, 19.8822, 23.1254



21.3567, 27.6230, 53.6407



2.1496, 2.8298, 5.2462

Previews

White Background



This preview shows how the XYZ color 69.8580, 64.6532, 54.1448 looks on a white background.

Color Contrast Check

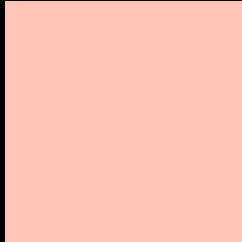
Large Text (above 18pt) WCAG AA × Fail

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 69.8580, 64.6532, 54.1448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

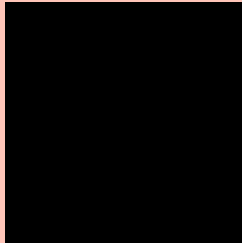
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.8580, 64.6532, 54.1448

Background



This preview shows how black text looks on a background with the XYZ color 69.8580, 64.6532, 54.1448.



This preview shows how white text looks on a background with the XYZ color 69.8580, 64.6532,

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

69.8580, 64.6532, 54.1448

Protanopia

61.6640, 64.9148, 58.5700

Deuteranopia

66.1788, 64.8315, 53.8255



Tritanopia

72.1403, 64.8443, 68.3885

Trichromacy



Original Color

69.8580, 64.6532, 54.1448

Protanomaly

64.1871, 64.4493, 56.6339

Deuteranomaly

67.4399, 64.7850, 53.7500

Tritanomaly

71.2887, 64.8634, 62.7954

Monochromacy



Original Color

69.8580, 64.6532, 54.1448

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.9684, 65.3839, 65.0733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8580, 64.6532, 54.1448 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, 197, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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, 197, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 184) }
```

Border

The CSS property to change the border of an element to XYZ 69.8580, 64.6532, 54.1448 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, 197, 184) }
```


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

```
.border{ border-color:rgb(255, 197, 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, 197, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8580, 64.6532, 54.1448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 184) }
```

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

```
.background{ background-color: rgb(255,  
197, 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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