

Converting Colors

XYZ(72.4718, 65.1590, 54.8106)

Have a look what the booklet for
XYZ(72.4718, 65.1590, 54.8106)
contains.

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Color

**XYZ(69.5121, 63.7930,
54.5485)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3B9
RGB	255, 195, 185
RGB Percent	100%, 76%, 73%
CMY	0.0000, 0.2353, 0.2745
CMYK	0.00, 0.24, 0.27, 0.00
HSL	9°, 100%, 86%
HSV	9°, 27%, 100%
XYZ	69.5121, 63.7930, 54.5485
YIQ	211.8000, 38.9700, 9.6100

Conversions

Conversions Part 2

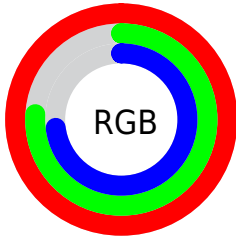
Format	Color
R _Y B	255, 197, 185
Decimal	16761785
CIE Lab	83.86, 20.06, 13.32
CIE LCh	84, 24.082, 33.594
Yxy	63.7930, 0.3700, 0.3396
Android (android.graphics.Color)	4294951865 (0xFFFFC3B9)
YUV	211.8000, -13.2124, 37.8864
Hunter-Lab	79.8705, 15.5769, 15.4166

Details

The XYZ color **69.5121, 63.7930, 54.5485** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.7088, 82.8363, 106.8700**, and the grayscale version is **62.5147, 65.7703, 71.6239**.

A 20% lighter version of the original color is **91.9276, 97.2317, 97.1416**, and **36.7157, 32.5860, 26.1844** is the 20% darker color. If you saturate the color by 10%, you get **62.5142, 53.7257, 40.1047**, and if you desaturate by 10%, it is **77.7126, 75.4926, 71.7764**.

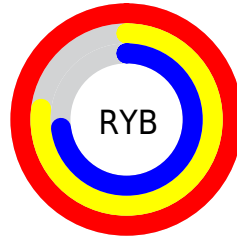
Distribution



Red (100%)

Green (76%)

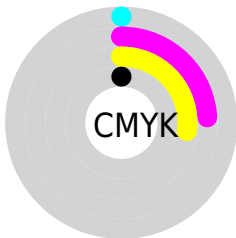
Blue (73%)



Red (100%)

Yellow (77%)

Blue (73%)

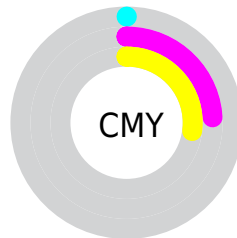


Cyan (0%)

Magenta (24%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.5121, 63.7930, 54.5485 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 69.5121, 63.7930, 54.5485 by changing the saturation by 10% instead.


 69.5121, 63.7930,
54.5485

 69.5121, 63.7930,
54.5485


448.1282,
438.4417, 421.4318

 51.4070, 46.4830,
38.6442


 117.5428,
110.3128, 98.3436

 36.7550, 32.6272,
26.1773


148.1991,
140.2914, 127.0715

 25.1907, 21.8410,
16.7294


183.7699,
175.2616, 160.9111

 16.3486, 13.7401,
9.8818

224.6205,
215.6079, 200.2807

 9.8636, 7.9401,
5.2161

271.1163,
261.7147, 245.5991

 5.3702, 4.0567,
2.3137

323.6226,

 2.5030, 1.7053,

313.9664, 297.2847

0.7389

382.5048,
372.7472, 355.7561

■ 0.8968, 0.4271,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.5121, 63.7930,
54.5485

■ 69.5121, 63.7930,
54.5485

■ 62.5142, 53.7257,
40.1047

■ 77.7126, 75.4926,
71.7764

■ 56.6574, 45.2098,
28.2950

■ 87.1642, 88.8836,
91.9201

■ 51.8819, 38.1702,
18.9608

95.0500, 100.0000,
108.9000

■ 48.1203, 32.5224,
11.9251

■ 45.2974, 28.1730,
6.9873

■ 43.3271, 25.0170,
3.9118

■ 42.1043, 22.9315,
2.3938

■ 41.8845, 22.5490,
2.1448

Harmonies

Analogous

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



71.3684, 63.7930, 67.6487



69.5121, 63.7930, 54.5485



65.2731, 63.7930, 46.4877

Triad

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



69.5121, 63.7930, 54.5485



51.9670, 63.7930, 57.2867



61.2735, 63.7930, 102.7995

Complementary

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



69.5121, 63.7930, 54.5485



70.7088, 82.8363, 106.8700

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.



56.2188, 63.7930, 98.9730



69.5121, 63.7930, 54.5485



51.0326, 63.7930, 71.3028

Square

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



69.5121, 63.7930, 54.5485



55.1747, 63.7930, 47.8997



52.5448, 63.7930, 86.8672



66.4406, 63.7930, 96.6774

Rectangle

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



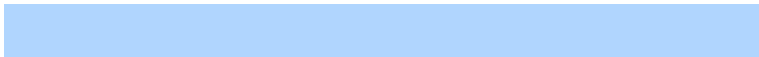
69.5121, 63.7930, 54.5485



61.7760, 63.7930, 44.3343



52.5448, 63.7930, 86.8672



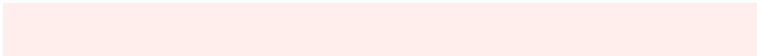
59.5049, 63.7930, 102.6376

Sweetspot

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



69.5136, 63.7959, 54.5498



86.6114, 88.1025, 90.7352



75.1727, 62.5919, 95.0403



18.2188, 18.4057, 18.7368



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.



69.5136, 63.7959, 54.5498



65.4846, 58.0110, 46.1990



78.1089, 80.9864, 57.4149



18.2188, 18.4057, 18.7368



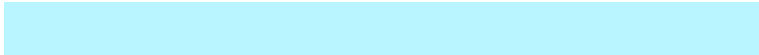
21.9485, 11.9081, 1.1417



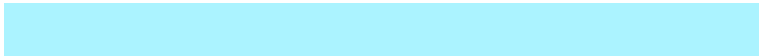
2.1970, 1.2794, 0.1312

Inverse Universe

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



70.7088, 82.8363, 106.8700



66.8543, 79.9458, 106.5152



61.2697, 63.9580, 103.7236



18.3205, 20.0127, 23.1472



22.6917, 30.2930, 54.0857



2.2674, 3.0655, 5.2855

Previews

White Background



This preview shows how the XYZ color 69.5121, 63.7930, 54.5485 looks on a white background.

Color Contrast Check

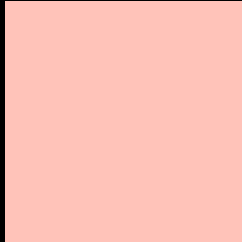
Large Text (above 18pt) WCAG AA × Fail

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 69.5121, 63.7930, 54.5485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

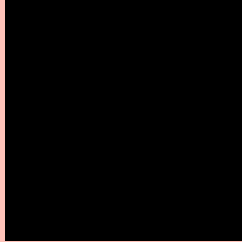
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5121, 63.7930, 54.5485

Background



This preview shows how black text looks on a background with the XYZ color 69.5121, 63.7930, 54.5485.



This preview shows how white text looks on a background with the XYZ color 69.5121, 63.7930,

54.5485.

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

69.5121, 63.7930, 54.5485

Protanopia

60.9302, 64.1584, 59.0416

Deuteranopia

65.3689, 64.0525, 54.2655



Tritanopia

71.5724, 63.9049, 67.5941

Trichromacy



Original Color

69.5121, 63.7930, 54.5485

Protanomaly

63.7332, 63.8488, 57.1091

Deuteranomaly

66.7313, 63.7200, 54.1295

Tritanomaly

70.8406, 63.9671, 62.6460

Monochromacy



Original Color

69.5121, 63.7930, 54.5485

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.7269, 64.9009, 64.9928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5121, 63.7930, 54.5485 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, 195, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 185)  
}
```

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, 195, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 185) }
```

Border

The CSS property to change the border of an element to XYZ 69.5121, 63.7930, 54.5485 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, 195, 185) }
```


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

```
.border{ border-color:rgb(255, 195, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5121, 63.7930, 54.5485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 185) }
```

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

```
.background{ background-color: rgb(255,  
195, 185) }
```

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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