

Converting Colors

XYZ(69.6508, 63.4367, 56.5484)

Have a look what the booklet for
XYZ(69.6508, 63.4367, 56.5484)
contains.

XYZ(69.7171, 63.5177, 56.7298)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.7171, 63.5177,
56.7298)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2BD
RGB	255, 194, 189
RGB Percent	100%, 76%, 74%
CMY	0.0000, 0.2392, 0.2588
CMYK	0.00, 0.24, 0.26, 0.00
HSL	5°, 100%, 87%
HSV	5°, 26%, 100%
XYZ	69.7171, 63.5177, 56.7298
YIQ	211.6690, 37.9610, 11.3770

Conversions

Conversions Part 2

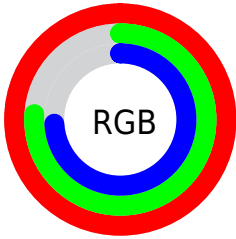
Format	Color
R _Y B	255, 194, 189
Decimal	16761533
CIE Lab	83.71, 21.12, 10.99
CIE LCh	84, 23.809, 27.482
Yxy	63.5177, 0.3670, 0.3344
Android (android.graphics.Color)	4294951613 (0xFFFFC2BD)
YUV	211.6690, -11.1758, 38.0013
Hunter-Lab	79.6980, 16.6743, 13.5854

Details

The XYZ color **69.7171, 63.5177, 56.7298** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2207, 86.4072, 107.4269**, and the grayscale version is **62.4151, 65.6656, 71.5098**.

A 20% lighter version of the original color is **92.2186, 96.8469, 100.2191**, and **36.8480, 32.4041, 27.6051** is the 20% darker color. If you saturate the color by 10%, you get **62.3533, 52.8371, 41.7986**, and if you desaturate by 10%, it is **78.4025, 76.0621, 74.5038**.

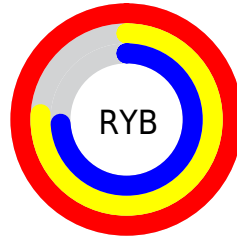
Distribution



Red (100%)

Green (76%)

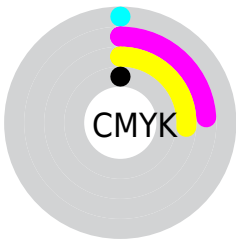
Blue (74%)



Red (100%)

Yellow (76%)

Blue (74%)

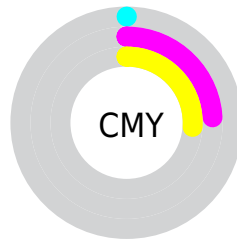


Cyan (0%)

Magenta (24%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7171, 63.5177, 56.7298 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 69.7171, 63.5177, 56.7298 by changing the saturation by 10% instead.

69.7171, 63.5177,
56.7298

69.7171, 63.5177,
56.7298

448.8380,
437.4459, 429.9014

51.5747, 46.2602,
40.3804

117.8337,
109.9161, 101.5672

36.8891, 32.4512,
27.5192

148.5386,
139.8256, 130.8924

25.2949, 21.7063,
17.7277

184.1617,
174.7214, 165.3799

16.4268, 13.6413,
10.5873

225.0684,
214.9876, 205.4483

9.9194, 7.8716,
5.6794

271.6240,
261.0088, 251.5161

5.4074, 4.0129,
2.5855


324.1939,

2.5254, 1.6808,


313.1693, 304.0018


0.8850


383.1435,
371.8536, 363.3241

 0.9081, 0.4112,
0.0000


 0.0000, 0.0000,
0.0000


 69.7171, 63.5177,
56.7298


 69.7171, 63.5177,
56.7298

 62.3533, 52.8371,
41.7986


 78.4025, 76.0621,
74.5038

 56.2417, 43.9232,
29.5591

 88.4648, 90.5442,
95.2534

 51.3138, 36.6834,
19.8521

95.0500, 100.0000,
108.9000

 47.4928, 31.0129,
12.5001

■ 44.6924, 26.7954,
7.3025

■ 42.8138, 23.8981,
4.0254

■ 41.7380, 22.1638,
2.3799

■ 41.4786, 21.7372,
2.0095

Harmonies

Analogous

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



70.9599, 63.5177, 70.4303



69.7171, 63.5177, 56.7298



65.9273, 63.5177, 47.6504

Triad

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



69.7171, 63.5177, 56.7298



52.3007, 63.5177, 54.8350



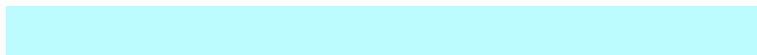
59.9319, 63.5177, 102.0206

Complementary

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



69.7171, 63.5177, 56.7298



73.2207, 86.4072, 107.4269

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.



55.1373, 63.5177, 96.3282



69.7171, 63.5177, 56.7298



50.8929, 63.5177, 67.9050

Square

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



69.7171, 63.5177, 56.7298



55.8592, 63.5177, 46.6723



51.9011, 63.5177, 83.2849



65.1209, 63.5177, 97.9115

Rectangle

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



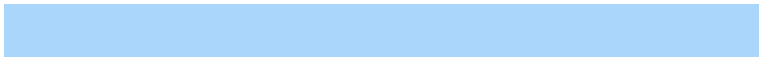
69.7171, 63.5177, 56.7298



62.5726, 63.5177, 44.7309



51.9011, 63.5177, 83.2849



58.2230, 63.5177, 101.1738

Sweetspot

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



69.7187, 63.5206, 56.7311



86.2154, 87.3106, 90.6032



76.7875, 64.5957, 99.3577



18.1200, 18.2082, 18.7038



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.



69.7187, 63.5206, 56.7311



65.7881, 57.8258, 48.7424



77.7309, 79.5451, 59.4018



18.1200, 18.2082, 18.7038



21.7127, 11.4366, 1.0631



2.1506, 1.1866, 0.1157

Inverse Universe

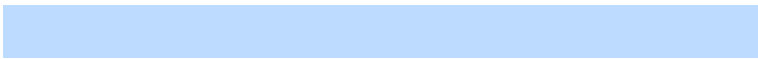
The Inverse Universe completely reimagines the original color for something new.



73.2207, 86.4072, 107.4269



69.8206, 84.1990, 107.1798



64.0047, 67.9750, 104.3548



18.4301, 20.2317, 23.1837



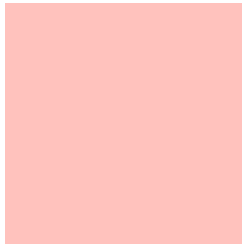
25.1037, 35.1170, 54.8897



2.4779, 3.4866, 5.3557

Previews

White Background



This preview shows how the XYZ color 69.7171, 63.5177, 56.7298 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 69.7171, 63.5177, 56.7298 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 69.7171, 63.5177, 56.7298

Background



This preview shows how black text looks on a background with the XYZ color 69.7171, 63.5177, 56.7298.



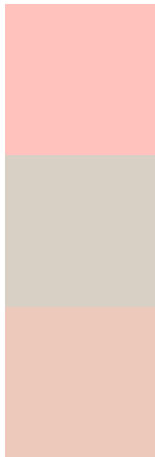
This preview shows how white text looks on a background with the XYZ color 69.7171, 63.5177,

56.7298.

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

69.7171, 63.5177, 56.7298

Protanopia

60.9528, 63.7419, 61.9142

Deuteranopia

64.8888, 63.4087, 56.3960



Tritanopia

71.2302, 63.4155, 66.8787

Trichromacy



Original Color

69.7171, 63.5177, 56.7298

Protanomaly

63.7267, 63.4299, 59.9234

Deuteranomaly

66.5794, 63.2521, 56.2767

Tritanomaly

70.7353, 63.5701, 63.1857

Monochromacy



Original Color

69.7171, 63.5177, 56.7298

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.7253, 64.5163, 66.1682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7171, 63.5177, 56.7298 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, 194, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 189)  
}
```

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, 194, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 189) }
```

Border

The CSS property to change the border of an element to XYZ 69.7171, 63.5177, 56.7298 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, 194, 189) }
```


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

```
.border{ border-color:rgb(255, 194, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7171, 63.5177, 56.7298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 189) }
```

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

```
.background{ background-color: rgb(255,  
194, 189) }
```

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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