

Converting Colors

XYZ(79.2528, 66.3325, 55.4507)

Have a look what the booklet for
XYZ(79.2528, 66.3325, 55.4507)
contains.

XYZ(67.9800, 60.3885, 55.0869)	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(67.9800, 60.3885,
55.0869)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBBBB
RGB	255, 187, 187
RGB Percent	100%, 73%, 73%
CMY	0.0000, 0.2666, 0.2667
CMYK	0.00, 0.27, 0.27, 0.00
HSL	0°, 100%, 87%
HSV	0°, 27%, 100%
XYZ	67.9800, 60.3885, 55.0869
YIQ	207.3320, 40.5280, 14.4160

Conversions

Conversions Part 2

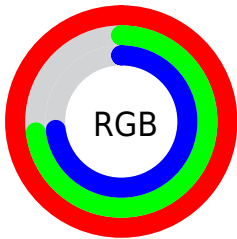
Format	Color
R _Y B	255, 187, 187
Decimal	16759739
CIE Lab	82.05, 24.52, 9.68
CIE LCh	82, 26.366, 21.551
Yxy	60.3885, 0.3706, 0.3292
Android (android.graphics.Color)	4294949819 (0xFFFFBBBB)
YUV	207.3320, -10.0237, 41.8048
Hunter-Lab	77.7100, 20.1575, 12.3677

Details

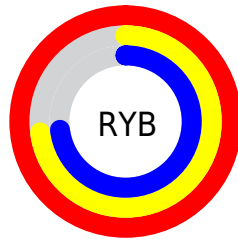
The XYZ color **67.9800, 60.3885, 55.0869** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3023, 89.3018, 107.9286**, and the grayscale version is **59.5678, 62.6700, 68.2476**.

A 20% lighter version of the original color is **89.4683, 91.8322, 97.8039**, and **35.7166, 30.3666, 26.5331** is the 20% darker color. If you saturate the color by 10%, you get **60.5512, 49.5186, 40.3171**, and if you desaturate by 10%, it is **76.8568, 73.3784, 72.7321**.

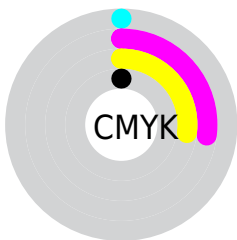
Distribution



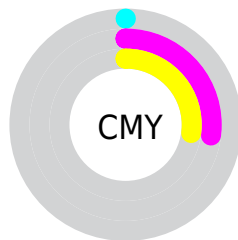
- Red (100%)
- Green (73%)
- Blue (73%)



- Red (100%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (27%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.9800, 60.3885, 55.0869 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 67.9800, 60.3885, 55.0869 by changing the saturation by 10% instead.


 67.9800, 60.3885,
55.0869

 67.9800, 60.3885,
55.0869

442.8030,
426.0283, 423.5325

 50.1551, 43.7319,
39.0722


 115.3656,
105.3930, 99.1407

 35.7549, 30.4598,
26.5077


145.6570,
134.5097, 128.0169

 24.4142, 20.1878,
16.9746


180.8346,
168.5485, 162.0174

 15.7676, 12.5316,
10.0546

221.2637,
207.8938, 201.5606

 9.4496, 7.1068,
5.3291

267.3098,
252.9301, 247.0652

 5.0951, 3.5290,
2.3795

319.3381,

 2.3385, 1.4138,

304.0416, 298.9497

0.7753

377.7141,
361.6129, 357.6326

■ 0.8142, 0.2268,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.9800, 60.3885,
55.0869

■ 67.9800, 60.3885,
55.0869

■ 60.5512, 49.5186,
40.3171

■ 76.8568, 73.3784,
72.7321

■ 54.4896, 40.6488,
28.2671

■ 87.2481, 88.5837,
93.3898

■ 49.7132, 33.6594,
18.7721

95.0500, 100.0000,
108.9000

■ 46.1293, 28.4151,
11.6480

■ 43.6331, 24.7622,
6.6860

■ 42.1013, 22.5206,
3.6414

■ 41.3790, 21.4636,
2.2061

■ 41.2402, 21.2604,
1.9301

Harmonies

Analogous

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



68.6926, 60.3885, 70.3778



67.9800, 60.3885, 55.0869



64.3399, 60.3885, 44.4816

Triad

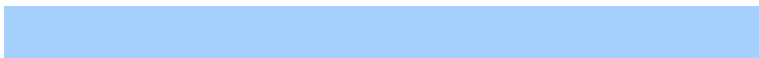
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.9800, 60.3885, 55.0869



49.3887, 60.3885, 48.4173



55.8334, 60.3885, 101.1210

Complementary

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



67.9800, 60.3885, 55.0869



74.3023, 89.3018, 107.9286

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.



50.9733, 60.3885, 92.9102



67.9800, 60.3885, 55.0869



47.4138, 60.3885, 61.3350

Square

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



67.9800, 60.3885, 55.0869



53.5412, 60.3885, 41.0880



47.9744, 60.3885, 77.7136



61.4346, 60.3885, 98.7196

Rectangle

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



67.9800, 60.3885, 55.0869



60.8647, 60.3885, 40.6732



47.9744, 60.3885, 77.7136



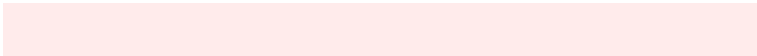
54.0645, 60.3885, 99.4682

Sweetspot

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



67.9814, 60.3912, 55.0881



85.7720, 86.4238, 90.4554



77.0606, 64.0212, 102.9035



18.0096, 17.9873, 18.6670



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.



67.9814, 60.3912, 55.0881



63.8431, 54.3357, 46.8613



76.0664, 76.5612, 57.7831



18.0096, 17.9873, 18.6670



21.5489, 11.1091, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

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



74.3023, 89.3018, 107.9286



71.1303, 87.6661, 107.7800



64.4005, 69.4982, 104.6280



18.5548, 20.4813, 23.2253



28.1138, 41.1372, 55.8931



2.7374, 4.0055, 5.4421

Previews

White Background



This preview shows how the XYZ color 67.9800, 60.3885, 55.0869 looks on a white background.

Color Contrast Check

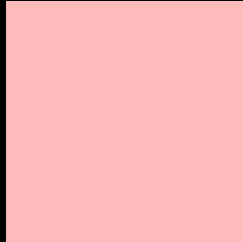
Large Text (above 18pt) WCAG AA × Fail

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 67.9800, 60.3885, 55.0869 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 67.9800, 60.3885, 55.0869

Background



This preview shows how black text looks on a background with the XYZ color 67.9800, 60.3885, 55.0869.

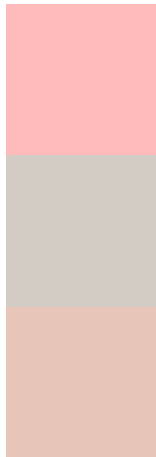


This preview shows how white text looks on a background with the XYZ color 67.9800, 60.3885,

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

67.9800, 60.3885, 55.0869

Protanopia

58.1350, 60.8729, 60.9102

Deuteranopia

61.6782, 60.4242, 54.3112



Tritanopia

69.1077, 60.5013, 62.0684

Trichromacy



Original Color

67.9800, 60.3885, 55.0869

Protanomaly

61.1838, 60.4072, 58.8871

Deuteranomaly

63.8681, 60.2104, 54.7099

Tritanomaly

68.6492, 60.3179, 59.6541

Monochromacy



Original Color

67.9800, 60.3885, 55.0869

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.8201, 61.3260, 63.2224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9800, 60.3885, 55.0869 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, 187, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 187)  
}
```

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, 187, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 187) }
```

Border

The CSS property to change the border of an element to XYZ 67.9800, 60.3885, 55.0869 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, 187, 187) }
```


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

```
.border{ border-color:rgb(255, 187, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9800, 60.3885, 55.0869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 187) }
```

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

```
.background{ background-color: rgb(255,  
187, 187) }
```

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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