

Converting Colors

XYZ(69.4572, 67.9871, 59.5899)

Have a look what the booklet for
XYZ(69.4572, 67.9871, 59.5899)
contains.

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Color

**XYZ(69.1355, 67.6645,
59.2859)**

Conversions

Conversions Part 1

Format	Color
Hex	F4CFC0
RGB	244, 207, 192
RGB Percent	96%, 81%, 75%
CMY	0.0431, 0.1882, 0.2471
CMYK	0.00, 0.15, 0.21, 0.04
HSL	17°, 70%, 85%
HSV	17°, 21%, 96%
XYZ	69.1355, 67.6645, 59.2859
YIQ	216.3530, 26.8670, 3.1790

Conversions

Conversions Part 2

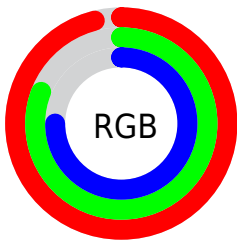
Format	Color
R_{YB}	244, 213, 192
Decimal	16043968
CIE _{Lab}	85.84, 10.71, 12.27
CIE _{LCh}	86, 16.284, 48.884
Yxy	67.6645, 0.3526, 0.3451
Android (android.graphics.Color)	4294234048 (0xFFFF4CFC0)
YUV	216.3530, -12.0060, 24.2464
Hunter-Lab	82.2584, 6.0711, 14.8490

Details

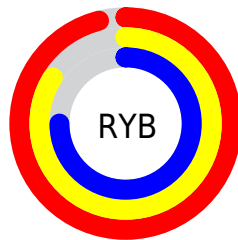
The XYZ color **69.1355, 67.6645, 59.2859** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.0862, 73.7750, 96.3454**, and the grayscale version is **65.5789, 68.9942, 75.1346**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **36.5449, 35.2113, 29.2964** is the 20% darker color. If you saturate the color by 10%, you get **62.6762, 58.7195, 44.8820**, and if you desaturate by 10%, it is **76.5091, 77.7198, 76.2073**.

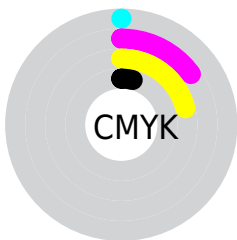
Distribution



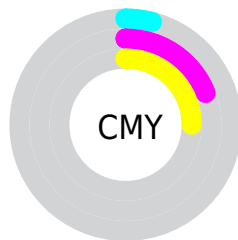
- Red (96%)
- Green (81%)
- Blue (75%)



- Red (96%)
- Yellow (84%)
- Blue (75%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (4%)





- Cyan (4%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.1355, 67.6645, 59.2859 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 69.1355, 67.6645, 59.2859 by changing the saturation by 10% instead.


 69.1355, 67.6645,
59.2859

 69.1355, 67.6645,
59.2859


446.8226,
452.3064, 439.6919

 51.0991, 49.6248,
42.4218


 117.0081,
115.8721, 105.3263

 36.5089, 35.1154,
29.1037

147.5750,
146.8087, 135.3396

 24.9994, 23.7518,
18.9130


183.0495,
182.8132, 170.5731

 16.2053, 15.1496,
11.4313

223.7969,
224.2699, 211.4453

 9.7613, 8.9244,
6.2399

270.1825,
271.5632, 258.3748

 5.3020, 4.6919,
2.9204

322.5718,

 2.4621, 2.0677,

325.0774, 311.7800

1.0541

381.3301,
385.1970, 372.0795

■ 0.8762, 0.6463,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.1355, 67.6645,
59.2859

■ 69.1355, 67.6645,
59.2859

■ 62.6762, 58.7195,
44.8820

■ 76.5091, 77.7198,
76.2073

■ 57.0889, 50.8369,
32.8703

■ 84.8263, 88.9128,
95.7549

■ 52.3356, 43.9790,
23.1207

■ 91.1185, 97.9732,
108.7160

■ 48.3735, 38.1019,
15.4892

■ 45.1556, 33.1586,
9.8149

■ 42.6290, 29.0979,
5.9134

■ 40.7329, 25.8625,
3.5644

■ 39.5241, 23.6645,
2.4846

Harmonies

Analogous

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



71.3258, 67.6645, 67.2379



69.1355, 67.6645, 59.2859



65.7029, 67.6645, 55.3361

Triad

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



69.1355, 67.6645, 59.2859



57.5424, 67.6645, 69.7933



66.6575, 67.6645, 94.8221

Complementary

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



69.1355, 67.6645, 59.2859



66.0862, 73.7750, 96.3454

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.



62.9430, 67.6645, 95.6750



69.1355, 67.6645, 59.2859



57.7758, 67.6645, 80.5106

Square

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



69.1355, 67.6645, 59.2859



59.0701, 67.6645, 61.0009



59.7203, 67.6645, 90.2224



69.8575, 67.6645, 87.9935

Rectangle

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



69.1355, 67.6645, 59.2859



63.2141, 67.6645, 55.2216



59.7203, 67.6645, 90.2224



65.4248, 67.6645, 95.8402

Sweetspot

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



69.1373, 67.6676, 59.2873



89.3089, 92.3039, 95.3140



70.3387, 62.6053, 82.7016



18.9870, 19.5835, 20.0985



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

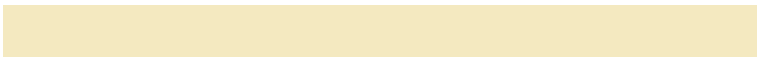
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.1373, 67.6676, 59.2873



72.9074, 69.9504, 57.6327



75.8868, 81.1665, 61.5371



16.8886, 17.2613, 17.2392



21.5920, 13.0697, 1.3847



1.9822, 1.3177, 0.1499

Inverse Universe

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



66.0862, 73.7750, 96.3454



68.9197, 77.9161, 106.0146



59.4872, 60.5770, 94.1457



16.5692, 17.9026, 21.1248



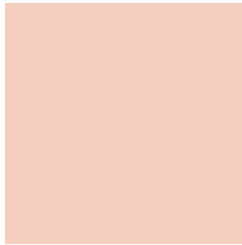
17.1895, 20.1727, 49.5258



1.5987, 1.9487, 4.3821

Previews

White Background



This preview shows how the XYZ color 69.1355, 67.6645, 59.2859 looks on a white background.

Color Contrast Check

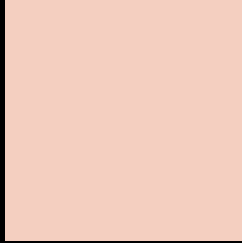
Large Text (above 18pt) WCAG AA × Fail

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 69.1355, 67.6645, 59.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

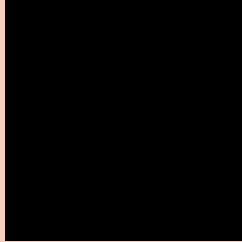
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1355, 67.6645, 59.2859

Background



This preview shows how black text looks on a background with the XYZ color 69.1355, 67.6645, 59.2859.

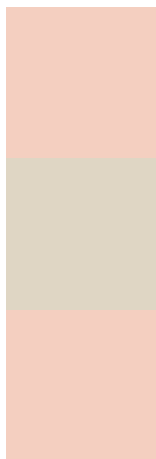


This preview shows how white text looks on a background with the XYZ color 69.1355, 67.6645,

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

69.1355, 67.6645, 59.2859

Protanopia

64.4418, 67.7666, 61.9084

Deuteranopia

69.1355, 67.6645, 59.2859



Tritanopia

72.4999, 67.6005, 76.2449

Trichromacy



Original Color

69.1355, 67.6645, 59.2859

Protanomaly

66.0996, 67.5176, 61.1781

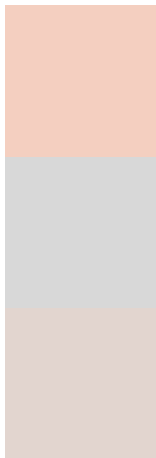
Deuteranomaly

69.1355, 67.6645, 59.2859

Tritanomaly

71.1075, 67.3820, 69.5799

Monochromacy



Original Color

69.1355, 67.6645, 59.2859

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.4208, 68.2622, 68.7067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1355, 67.6645, 59.2859 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(244, 207, 192)` looks like.

```
.text, #text, p{  
    color:rgb(244, 207, 192)  
}
```

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(244, 207, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 207, 192) }
```

Border

The CSS property to change the border of an element to XYZ 69.1355, 67.6645, 59.2859 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(244, 207, 192) }
```


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

```
.border{ border-color:rgb(244, 207, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 207, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 207, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 207, 192); box-shadow:4px 4px 4px 4px rgb(244, 207, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1355, 67.6645, 59.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 207, 192) }
```

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

```
.background{ background-color: rgb(244,  
207, 192) }
```

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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