

Converting Colors

XYZ(69.4890, 63.4917, 67.6241)

Have a look what the booklet for
XYZ(69.4890, 63.4917, 67.6241)
contains.

XYZ(69.4890, 63.4917, 67.6241)	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(69.4890, 63.4917,
67.6241)**

Conversions

Conversions Part 1

Format	Color
Hex	F8C3CF
RGB	248, 195, 207
RGB Percent	97%, 76%, 81%
CMY	0.0274, 0.2353, 0.1882
CMYK	0.00, 0.21, 0.17, 0.03
HSL	346°, 79%, 87%
HSV	346°, 21%, 97%
XYZ	69.4890, 63.4917, 67.6241
YIQ	212.2150, 27.7360, 14.9680

Conversions

Conversions Part 2

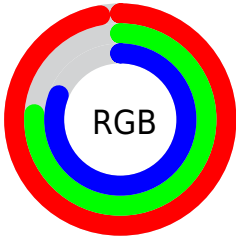
Format	Color
R _Y B	248, 195, 207
Decimal	16303055
CIE Lab	83.70, 20.69, 1.26
CIE LCh	84, 20.727, 3.482
Yxy	63.4917, 0.3464, 0.3165
Android (android.graphics.Color)	4294493135 (0xFFFF8C3CF)
YUV	212.2150, -2.5710, 31.3834
Hunter-Lab	79.6817, 16.2238, 5.4590

Details

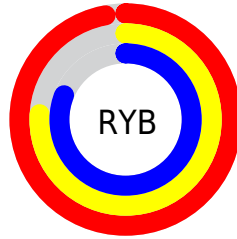
The XYZ color **69.4890, 63.4917, 67.6241** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.2160, 84.7946, 91.9746**, and the grayscale version is **62.7274, 65.9941, 71.8676**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **36.7605, 32.4260, 34.4584** is the 20% darker color. If you saturate the color by 10%, you get **62.1822, 52.4062, 54.3103**, and if you desaturate by 10%, it is **78.0073, 76.5426, 82.7495**.

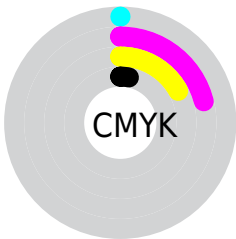
Distribution



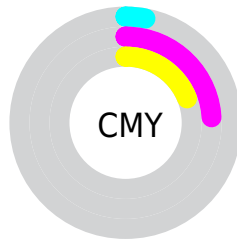
- Red (97%)
- Green (76%)
- Blue (81%)



- Red (97%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (21%)
- Yellow (17%)
- Black (3%)



- Cyan (3%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4890, 63.4917, 67.6241 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 69.4890, 63.4917, 67.6241 by changing the saturation by 10% instead.

69.4890, 63.4917,
67.6241

69.4890, 63.4917,
67.6241

448.0482,
437.3518, 470.7249

51.3881, 46.2391,
49.1272

117.5100,
109.8786, 117.4634

36.7399, 32.4345,
34.3541

148.1608,
139.7816, 149.6428

25.1789, 21.6936,
22.8862

183.7257,
174.6703, 187.2202

16.3398, 13.6320,
14.3050

224.5700,
214.9290, 230.6140

9.8573, 7.8651,
8.1919

271.0590,
260.9421, 280.2429

5.3660, 4.0088,
4.1285


323.5582,


2.5005, 1.6785,


313.0940, 336.5253


1.6961


382.4328,
371.7691, 399.8797

 0.8955, 0.4097,
0.3580


 0.0000, 0.0000,
0.0000


 69.4890, 63.4917,
67.6241


 69.4890, 63.4917,
67.6241

 62.1822, 52.4062,
54.3103


 78.0073, 76.5426,
82.7495

 56.0258, 43.1823,
42.7354

 87.7838, 91.6389,
99.7477

 50.9614, 35.7198,
32.8275

 92.5217, 98.6966,
108.7817

 46.9232, 29.9055,
24.5081

■ 43.8383, 25.6130,
17.6919

■ 41.6233, 22.6973,
12.2853

■ 40.1799, 20.9850,
8.1832

■ 39.4288, 20.2434,
5.5879

Harmonies

Analogous

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



68.5022, 63.4917, 80.9089



69.4890, 63.4917, 67.6241



67.9268, 63.4917, 56.2332

Triad

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



69.4890, 63.4917, 67.6241



55.6569, 63.4917, 50.3013



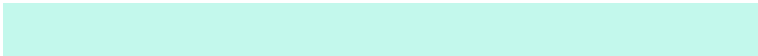
56.5317, 63.4917, 94.0091

Complementary

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



69.4890, 63.4917, 67.6241



71.2160, 84.7946, 91.9746

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.



53.3531, 63.4917, 83.8655



69.4890, 63.4917, 67.6241



52.8661, 63.4917, 58.5566

Square

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



69.4890, 63.4917, 67.6241



59.8182, 63.4917, 47.0542



52.0441, 63.4917, 70.6615



60.8788, 63.4917, 97.2176

Rectangle

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



69.4890, 63.4917, 67.6241



65.6937, 63.4917, 50.9188



52.0441, 63.4917, 70.6615



55.2985, 63.4917, 91.2397

Sweetspot

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



69.4908, 63.4946, 67.6254



88.5142, 89.8846, 97.6075



70.9310, 63.5808, 97.3414



18.7998, 19.0138, 20.6384



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

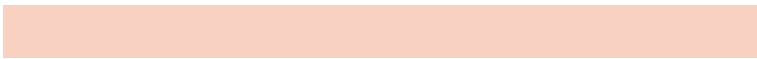
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4908, 63.4946, 67.6254



70.2371, 61.8718, 65.1831



71.3970, 69.5657, 61.2978



17.4055, 17.2896, 18.7251



21.3427, 10.9528, 3.2471



2.0151, 1.0298, 0.5028

Inverse Universe

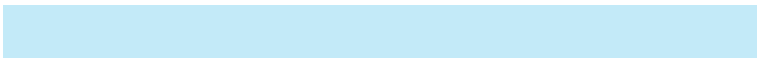
The Inverse Universe completely reimagines the original color for something new.



69.4908, 63.4946, 67.6254



70.2371, 61.8718, 65.1831



68.8361, 77.1513, 100.0712



17.4055, 17.2896, 18.7251



21.3427, 10.9528, 3.2471



2.0151, 1.0298, 0.5028

Previews

White Background



This preview shows how the XYZ color 69.4890, 63.4917, 67.6241 looks on a white background.

Color Contrast Check

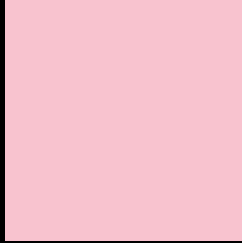
Large Text (above 18pt) WCAG AA × Fail

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 69.4890, 63.4917, 67.6241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

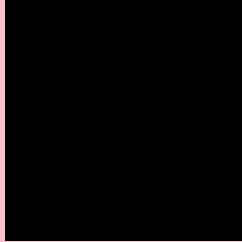
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.4890, 63.4917, 67.6241

Background



This preview shows how black text looks on a background with the XYZ color 69.4890, 63.4917, 67.6241.

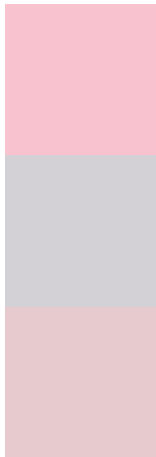


This preview shows how white text looks on a background with the XYZ color 69.4890, 63.4917,

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

69.4890, 63.4917, 67.6241

Protanopia

61.5574, 63.8157, 72.6916

Deuteranopia

64.8942, 63.5203, 67.2329



Tritanopia

69.8594, 63.6398, 69.5745

Trichromacy



Original Color

69.4890, 63.4917, 67.6241

Protanomaly

63.8543, 63.2623, 70.4734

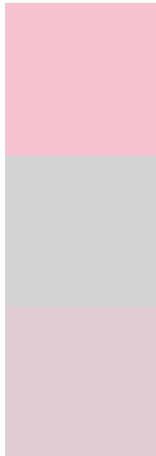
Deuteranomaly

66.4891, 63.3076, 67.1078

Tritanomaly

69.7351, 63.5901, 68.9203

Monochromacy



Original Color

69.4890, 63.4917, 67.6241

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.7555, 64.8033, 70.0681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4890, 63.4917, 67.6241 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(248, 195, 207) looks like.

```
.text, #text, p{  
    color:rgb(248, 195, 207)  
}
```

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(248, 195, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 195, 207) }
```

Border

The CSS property to change the border of an element to XYZ 69.4890, 63.4917, 67.6241 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(248, 195, 207) }
```


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

```
.border{ border-color:rgb(248, 195, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 195, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 195, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 195, 207);  
box-shadow:4px 4px 4px 4px rgb(248, 195,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4890, 63.4917, 67.6241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 195, 207) }
```

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

```
.background{ background-color: rgb(248,  
195, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor