

Converting Colors

XYZ(69.7502, 64.3501, 64.7320)

Have a look what the booklet for
XYZ(69.7502, 64.3501, 64.7320)
contains.

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Color

**XYZ(69.6938, 64.3365,
64.6220)**

Conversions

Conversions Part 1

Format	Color
Hex	F9C5CA
RGB	249, 197, 202
RGB Percent	98%, 77%, 79%
CMY	0.0235, 0.2274, 0.2078
CMYK	0.00, 0.21, 0.19, 0.02
HSL	354°, 81%, 87%
HSV	354°, 21%, 98%
XYZ	69.6938, 64.3365, 64.6220
YIQ	213.1180, 29.3870, 12.5790

Conversions

Conversions Part 2

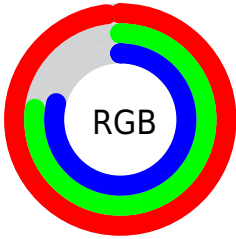
Format	Color
R _Y B	249, 197, 202
Decimal	16369098
CIE Lab	84.14, 19.23, 4.58
CIE LCh	84, 19.771, 13.398
Yxy	64.3365, 0.3508, 0.3239
Android (android.graphics.Color)	4294559178 (0xFFF9C5CA)
YUV	213.1180, -5.4812, 31.4685
Hunter-Lab	80.2100, 14.7295, 8.3795

Details

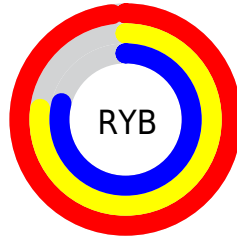
The XYZ color **69.6938, 64.3365, 64.6220** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2333, 86.1548, 98.3619**, and the grayscale version is **63.3480, 66.6470, 72.5786**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **36.9060, 32.9895, 32.4394** is the 20% darker color. If you saturate the color by 10%, you get **62.0265, 52.9599, 49.8631**, and if you desaturate by 10%, it is **78.6872, 77.7420, 81.7420**.

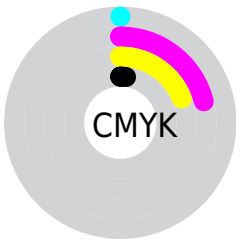
Distribution



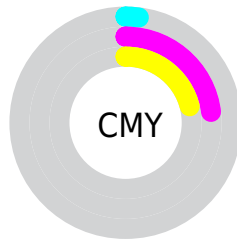
- Red (98%)
- Green (77%)
- Blue (79%)



- Red (98%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (21%)
- Yellow (19%)
- Black (2%)




- Cyan (2%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.6938, 64.3365, 64.6220 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 69.6938, 64.3365, 64.6220 by changing the saturation by 10% instead.


 69.6938, 64.3365,
64.6220

 69.6938, 64.3365,
64.6220


448.7574,
440.4038, 459.7013

 51.5556, 46.9233,
46.7052


117.8006,
111.0954, 113.1143

 36.8738, 32.9750,
32.4500


148.5000,
141.2099, 144.5269

 25.2831, 22.1073,
21.4378


184.1172,
176.3269, 181.2753

 16.4179, 13.9358,
13.2500

225.0175,
216.8308, 223.7778

 9.9131, 8.0760,
7.4682

271.5663,
263.1061, 272.4532

 5.4032, 4.1436,
3.6737


324.1290,


 2.5229, 1.7542,

315.5371, 327.7198


1.4481


383.0709,
374.5082, 389.9964

 0.9068, 0.4584,
0.1788


 0.0000, 0.0000,
0.0000


 69.6938, 64.3365,
64.6220


 69.6938, 64.3365,
64.6220


 62.0265, 52.9599,
49.8631


 78.6872, 77.7420,
81.7420

 55.6175, 43.5052,
37.3578

 89.0598, 93.2593,
101.3163

 50.4008, 35.8687,
26.9963

 92.8771, 98.8798,
108.7983

 46.3024, 29.9336,
18.6578

■ 43.2400, 25.5693,
12.2096

■ 41.1198, 22.6263,
7.5031

■ 39.8308, 20.9262,
4.3670

■ 39.2312, 20.2055,
2.6922

Harmonies

Analogous

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



69.5612, 64.3365, 77.1551



69.6938, 64.3365, 64.6220



67.4610, 64.3365, 54.7840

Triad

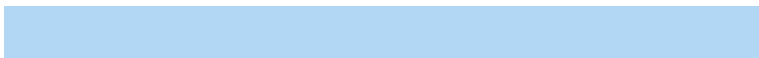
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.6938, 64.3365, 64.6220



55.5564, 64.3365, 53.9801



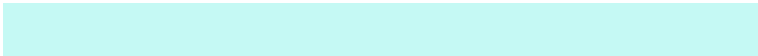
58.7803, 64.3365, 95.7370

Complementary

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



69.6938, 64.3365, 64.6220



73.2333, 86.1548, 98.3619

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.



55.2453, 64.3365, 87.9208



69.6938, 64.3365, 64.6220



53.4456, 64.3365, 63.3979

Square

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



69.6938, 64.3365, 64.6220



59.2235, 64.3365, 49.1521



53.3345, 64.3365, 75.7769



63.1177, 64.3365, 96.1666

Rectangle

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



69.6938, 64.3365, 64.6220



64.9904, 64.3365, 50.6618



53.3345, 64.3365, 75.7769



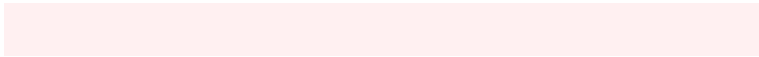
57.4638, 64.3365, 93.8476

Sweetspot

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



69.6956, 64.3394, 64.6233



88.2144, 89.7647, 96.0291



74.3058, 65.9724, 98.4406



18.7292, 18.9856, 20.2667



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.



69.6956, 64.3394, 64.6233



70.0464, 62.6792, 61.4551



74.1664, 74.2125, 63.2424



17.3123, 17.2523, 18.2345



21.0222, 10.8246, 1.5592



1.9690, 1.0113, 0.2603

Inverse Universe

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



69.6956, 64.3394, 64.6233



70.0464, 62.6792, 61.4551



67.9257, 74.3092, 100.3860



17.3123, 17.2523, 18.2345



21.0222, 10.8246, 1.5592



1.9690, 1.0113, 0.2603

Previews

White Background



This preview shows how the XYZ color 69.6938, 64.3365, 64.6220 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 69.6938, 64.3365, 64.6220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

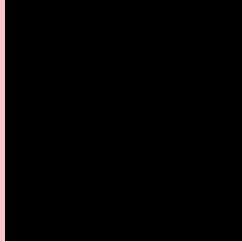
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6938, 64.3365, 64.6220

Background



This preview shows how black text looks on a background with the XYZ color 69.6938, 64.3365, 64.6220.



This preview shows how white text looks on a background with the XYZ color 69.6938, 64.3365,

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

69.6938, 64.3365, 64.6220

Protanopia

62.0406, 64.5005, 69.5016

Deuteranopia

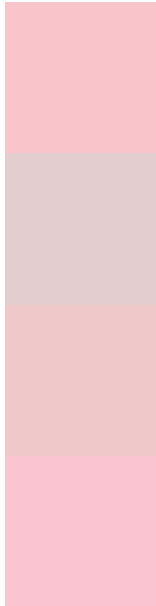
65.8302, 64.4213, 64.2233



Tritanopia

70.9221, 64.5070, 70.3411

Trichromacy



Original Color

69.6938, 64.3365, 64.6220

Protanomaly

64.6505, 64.4498, 67.4251

Deuteranomaly

67.0259, 64.3411, 64.1448

Tritanomaly

70.5494, 64.3579, 68.3785

Monochromacy



Original Color

69.6938, 64.3365, 64.6220

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.1855, 65.3978, 69.5090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6938, 64.3365, 64.6220 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(249, 197, 202)` looks like.

```
.text, #text, p{  
    color:rgb(249, 197, 202)  
}
```

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(249, 197, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 197, 202) }
```

Border

The CSS property to change the border of an element to XYZ 69.6938, 64.3365, 64.6220 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(249, 197, 202) }
```


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

```
.border{ border-color:rgb(249, 197, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 197, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 197, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 197, 202);  
box-shadow:4px 4px 4px 4px rgb(249, 197,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6938, 64.3365, 64.6220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 197, 202) }
```

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

```
.background{ background-color: rgb(249,  
197, 202) }
```

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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