

Converting Colors

XYZ(69.4106, 69.3990, 58.3378)

Have a look what the booklet for
XYZ(69.4106, 69.3990, 58.3378)
contains.

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Color

**XYZ(69.2065, 69.1835,
58.4214)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D3BE
RGB	242, 211, 190
RGB Percent	95%, 83%, 75%
CMY	0.0510, 0.1725, 0.2549
CMYK	0.00, 0.13, 0.21, 0.05
HSL	24°, 67%, 85%
HSV	24°, 21%, 95%
XYZ	69.2065, 69.1835, 58.4214
YIQ	217.8750, 25.2170, 0.0410

Conversions

Conversions Part 2

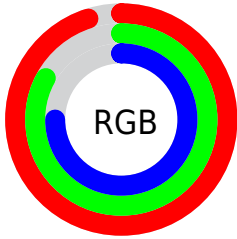
Format	Color
R _Y B	242, 225, 190
Decimal	15913918
CIE Lab	86.59, 7.60, 14.37
CIE LCh	87, 16.257, 62.121
Yxy	69.1835, 0.3516, 0.3515
Android (android.graphics.Color)	4294103998 (0xFFFF2D3BE)
YUV	217.8750, -13.7424, 21.1576
Hunter-Lab	83.1766, 2.9605, 16.5797

Details

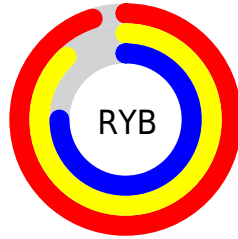
The XYZ color **69.2065, 69.1835, 58.4214** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.1182, 69.0691, 94.0099**, and the grayscale version is **66.6355, 70.1058, 76.3452**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **36.4114, 35.8974, 28.6767** is the 20% darker color. If you saturate the color by 10%, you get **63.3542, 61.3658, 44.4867**, and if you desaturate by 10%, it is **75.8233, 77.8263, 74.7792**.

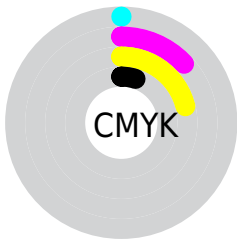
Distribution



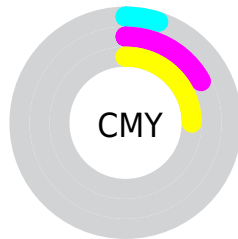
- Red (95%)
- Green (83%)
- Blue (75%)



- Red (95%)
- Yellow (88%)
- Blue (75%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (5%)





- Cyan (5%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.2065, 69.1835, 58.4214 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 69.2065, 69.1835, 58.4214 by changing the saturation by 10% instead.


 69.2065, 69.1835,
58.4214

 69.2065, 69.1835,
58.4214


447.0689,
457.6779, 436.3964

 51.1572, 50.8612,
41.7306

 117.1089,
118.0436, 104.0571

 36.5552, 36.0981,
28.5664


147.6927,
149.3502, 133.8391

 25.0354, 24.5100,
18.5103


183.1854,
185.7537, 168.8218

 16.2323, 15.7124,
11.1438

223.9522,
227.6384, 209.4239

 9.7806, 9.3208,
6.0482

270.3587,
275.3888, 256.0638

 5.3149, 4.9510,
2.8052

322.7700,

 2.4698, 2.2186,

329.3892, 309.1602

0.9960

381.5517,
390.0242, 369.1315

■ 0.8801, 0.7301,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.2065, 69.1835,
58.4214

■ 69.2065, 69.1835,
58.4214

■ 63.3542, 61.3658,
44.4867

■ 75.8233, 77.8263,
74.7792

■ 58.2308, 54.3384,
32.8539

■ 83.2274, 87.3092,
93.6646

■ 53.8059, 48.0775,
23.3977

■ 90.1990, 97.1590,
108.6073

■ 50.0444, 42.5543,
15.9789

■ 90.4281, 97.6173,
108.6837

■ 46.9079, 37.7382,
10.4423

■ 44.3531, 33.5955,
6.6095

■ 42.3293, 30.0889,
4.2670

■ 40.9628, 27.5666,
3.1619

Harmonies

Analogous

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



72.0919, 69.1835, 64.8167



69.2065, 69.1835, 58.4214



65.4888, 69.1835, 56.4219

Triad

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



69.2065, 69.1835, 58.4214



58.7728, 69.1835, 76.1005



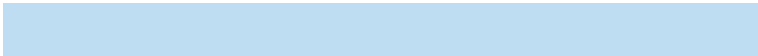
69.6887, 69.1835, 94.3236

Complementary

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



69.2065, 69.1835, 58.4214



63.1182, 69.0691, 94.0099

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.



66.0257, 69.1835, 98.0485



69.2065, 69.1835, 58.4214



59.8042, 69.1835, 86.9208

Square

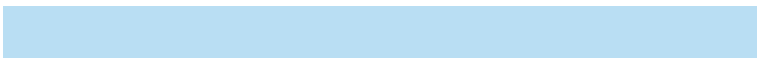
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.2065, 69.1835, 58.4214



59.5526, 69.1835, 66.0288



62.4238, 69.1835, 95.2196



72.3777, 69.1835, 85.4641

Rectangle

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



69.2065, 69.1835, 58.4214



63.0636, 69.1835, 57.6804



62.4238, 69.1835, 95.2196



68.5257, 69.1835, 96.2540

Sweetspot

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



69.2083, 69.1866, 58.4228



89.8430, 93.3722, 95.4920



68.1099, 60.9362, 76.7192



19.1130, 19.8356, 20.1405



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.



69.2083, 69.1866, 58.4228



74.8159, 73.7673, 58.2689



76.1391, 83.0482, 60.7331



16.2969, 16.8070, 16.5348



22.1311, 15.0604, 1.7405



1.9362, 1.4430, 0.1765

Inverse Universe

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



63.1182, 69.0691, 94.0099



66.7656, 73.6078, 105.2966



56.8230, 56.4788, 91.9115



15.6807, 16.7956, 20.1370



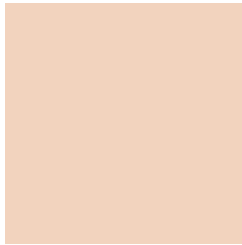
14.1252, 14.4747, 47.1773



1.2724, 1.3988, 3.9571

Previews

White Background



This preview shows how the XYZ color 69.2065, 69.1835, 58.4214 looks on a white background.

Color Contrast Check

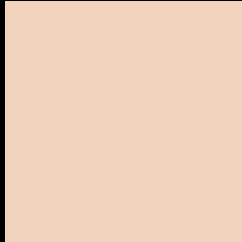
Large Text (above 18pt) WCAG AA × Fail

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 69.2065, 69.1835, 58.4214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

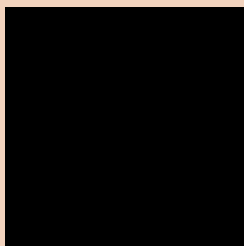
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2065, 69.1835, 58.4214

Background



This preview shows how black text looks on a background with the XYZ color 69.2065, 69.1835, 58.4214.



This preview shows how white text looks on a background with the XYZ color 69.2065, 69.1835,

58.4214.

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

69.2065, 69.1835, 58.4214

Protanopia

65.5455, 69.1307, 60.3410

Deuteranopia

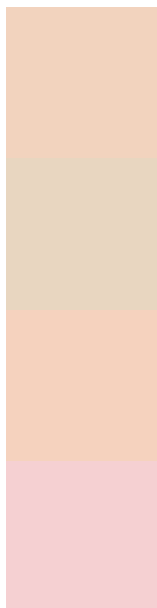
70.4525, 69.0928, 58.3382



Tritanopia

73.2622, 69.0094, 78.5660

Trichromacy



Original Color

69.2065, 69.1835, 58.4214

Protanomaly

66.8397, 69.0547, 59.6752

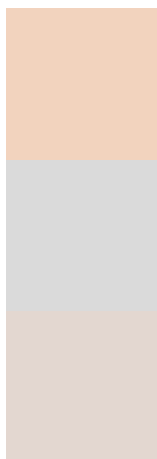
Deuteranomaly

69.9970, 69.2234, 58.3874

Tritanomaly

71.8449, 69.1774, 70.5387

Monochromacy



Original Color

69.2065, 69.1835, 58.4214

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.3642, 69.4858, 69.5361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2065, 69.1835, 58.4214 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(242, 211, 190)` looks like.

```
.text, #text, p{  
    color:rgb(242, 211, 190)  
}
```

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(242, 211, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 211, 190) }
```

Border

The CSS property to change the border of an element to XYZ 69.2065, 69.1835, 58.4214 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(242, 211, 190) }
```


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

```
.border{ border-color:rgb(242, 211, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 211, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 211, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 211, 190);  
box-shadow:4px 4px 4px 4px rgb(242, 211,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2065, 69.1835, 58.4214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 211, 190) }
```

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

```
.background{ background-color: rgb(242,  
211, 190) }
```

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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