

Converting Colors

XYZ(65.2732, 65.6470, 59.4451)

Have a look what the booklet for
XYZ(65.2732, 65.6470, 59.4451)
contains.

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Color

**XYZ(65.2172, 65.6317,
59.6829)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CFC1
RGB	232, 207, 193
RGB Percent	91%, 81%, 76%
CMY	0.0902, 0.1882, 0.2431
CMYK	0.00, 0.11, 0.17, 0.09
HSL	22°, 46%, 83%
HSV	22°, 17%, 91%
XYZ	65.2172, 65.6317, 59.6829
YIQ	212.8790, 19.3940, 0.9460

Conversions

Conversions Part 2

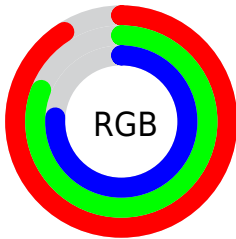
Format	Color
R _Y B	232, 215, 193
Decimal	15257537
CIE Lab	84.81, 6.49, 10.13
CIE LCh	85, 12.028, 57.357
Yxy	65.6317, 0.3423, 0.3445
Android (android.graphics.Color)	4293447617 (0xFFE8CFC1)
YUV	212.8790, -9.8003, 16.7691
Hunter-Lab	81.0134, 1.9222, 13.0302

Details

The XYZ color **65.2172, 65.6317, 59.6829** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.6289, 67.3050, 86.0876**, and the grayscale version is **63.2208, 66.5132, 72.4329**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **33.9559, 33.8767, 29.1753** is the 20% darker color. If you saturate the color by 10%, you get **59.3955, 57.8099, 45.9597**, and if you desaturate by 10%, it is **71.7878, 74.3004, 75.6602**.

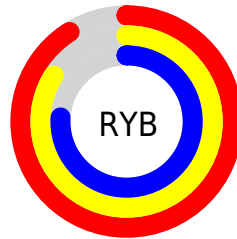
Distribution



Red (91%)

Green (81%)

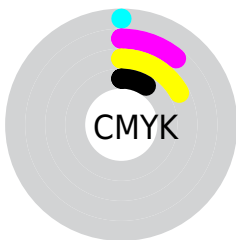
Blue (76%)



Red (91%)

Yellow (84%)

Blue (76%)

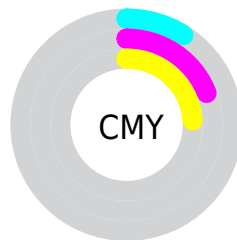


Cyan (0%)

Magenta (11%)

Yellow (17%)

Black (9%)



Cyan (9%)

Magenta (19%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.2172, 65.6317, 59.6829 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 65.2172, 65.6317, 59.6829 by changing the saturation by 10% instead.


 65.2172, 65.6317,
59.6829

 65.2172, 65.6317,
59.6829


433.1050,
445.0586, 441.2001

 47.9026, 47.9735,
42.7395

 111.4260,
112.9576, 105.9084

 33.9607, 33.8059,
29.3509

141.0510,
143.3940, 136.0276

 23.0261, 22.7445,
19.0985


175.5100,
178.8586, 171.3757

 14.7336, 14.4050,
11.5640

215.1686,
219.7359, 212.3714

 8.7177, 8.4029,
6.3286

260.3920,
266.4101, 259.4331

 4.6132, 4.3538,
2.9739

311.5456,

 2.0545, 1.8734,

319.2657, 312.9794

1.0813

368.9948,
378.6870, 373.4289

■ 0.6643, 0.5323,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.2172, 65.6317,
59.6829

■ 65.2172, 65.6317,
59.6829

■ 59.3955, 57.8099,
45.9597

■ 71.7878, 74.3004,
75.6602

■ 54.2892, 50.7999,
34.3840

■ 79.1286, 83.8320,
93.9835

■ 49.8698, 44.5771,
24.8467

■ 86.0181, 93.7542,
108.1705

■ 46.1051, 39.1122,
17.2271

■ 87.0890, 95.8960,
108.5274

■ 42.9595, 34.3737,
11.3919

■ 40.3939, 30.3279,
7.1904

■ 38.3635, 26.9375,
4.4464

■ 36.8135, 24.1601,
2.9356

■ 36.3959, 23.3897,
2.5964

Harmonies

Analogous

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



67.0960, 65.6317, 64.8586



65.2172, 65.6317, 59.6829



62.6202, 65.6317, 57.6423

Triad

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



65.2172, 65.6317, 59.6829



57.3479, 65.6317, 70.7798



64.7919, 65.6317, 85.4651

Complementary

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



65.2172, 65.6317, 59.6829



61.6289, 67.3050, 86.0876

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.



62.1424, 65.6317, 87.3302



65.2172, 65.6317, 59.6829



57.8922, 65.6317, 78.4985

Square

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



65.2172, 65.6317, 59.6829



58.1198, 65.6317, 63.7541



59.6282, 65.6317, 84.6966



66.8455, 65.6317, 79.7669

Rectangle

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



65.2172, 65.6317, 59.6829



60.8483, 65.6317, 58.2159



59.6282, 65.6317, 84.6966



63.9392, 65.6317, 86.5783

Sweetspot

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



65.2190, 65.6346, 59.6843



90.5129, 94.1024, 97.5944



65.0502, 60.3769, 74.7962



19.2412, 19.9691, 20.5619



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

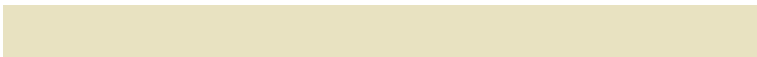
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.2190, 65.6346, 59.6843



78.3437, 78.0288, 68.0587



70.1422, 75.4811, 61.3254



14.7984, 15.2108, 15.0605



20.3139, 13.2020, 1.4776



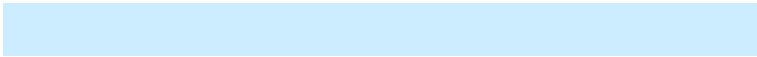
1.5867, 1.1466, 0.1377

Inverse Universe

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



61.6289, 67.3050, 86.0876



73.1454, 80.4444, 106.2799



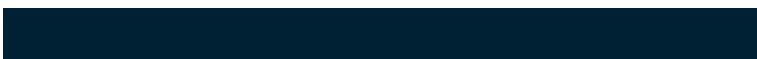
56.9476, 57.9424, 84.5271



14.3494, 15.4201, 18.3644



14.1491, 15.3603, 44.6023



1.1327, 1.3094, 3.3250

Previews

White Background



This preview shows how the XYZ color 65.2172, 65.6317, 59.6829 looks on a white background.

Color Contrast Check

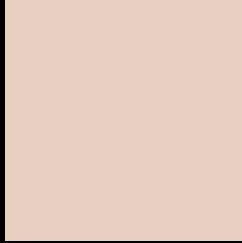
Large Text (above 18pt) WCAG AA × Fail

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 65.2172, 65.6317, 59.6829 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 65.2172, 65.6317, 59.6829

Background



This preview shows how black text looks on a background with the XYZ color 65.2172, 65.6317, 59.6829.



This preview shows how white text looks on a background with the XYZ color 65.2172, 65.6317,

59.6829.

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

65.2172, 65.6317, 59.6829

Protanopia

62.6598, 65.7443, 61.0172

Deuteranopia

66.9271, 65.4315, 60.1410



Tritanopia

68.4031, 65.4885, 76.0531

Trichromacy



Original Color

65.2172, 65.6317, 59.6829

Protanomaly

63.5247, 65.8355, 60.3984

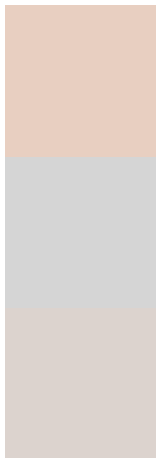
Deuteranomaly

66.1610, 65.3906, 60.1735

Tritanomaly

67.1574, 65.3313, 70.0434

Monochromacy



Original Color

65.2172, 65.6317, 59.6829

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.9500, 66.2604, 67.8115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2172, 65.6317, 59.6829 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(232, 207, 193)` looks like.

```
.text, #text, p{  
    color:rgb(232, 207, 193)  
}
```

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(232, 207, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 207, 193) }
```

Border

The CSS property to change the border of an element to XYZ 65.2172, 65.6317, 59.6829 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(232, 207, 193) }
```


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

```
.border{ border-color:rgb(232, 207, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 207, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 207, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 207, 193);  
box-shadow:4px 4px 4px 4px rgb(232, 207,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2172, 65.6317, 59.6829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 207, 193) }
```

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

```
.background{ background-color: rgb(232,  
207, 193) }
```

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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