

Converting Colors

XYZ(64.9043, 67.9871, 58.3185)

Have a look what the booklet for
XYZ(64.9043, 67.9871, 58.3185)
contains.

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Color

**XYZ(65.0194, 68.1417,
58.4410)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D6BE
RGB	227, 214, 190
RGB Percent	89%, 84%, 75%
CMY	0.1098, 0.1608, 0.2549
CMYK	0.00, 0.06, 0.16, 0.11
HSL	39°, 40%, 82%
HSV	39°, 16%, 89%
XYZ	65.0194, 68.1417, 58.4410
YIQ	215.1510, 15.4520, -4.7080

Conversions

Conversions Part 2

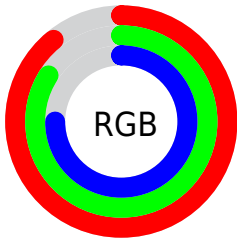
Format	Color
R _Y B	210, 227, 190
Decimal	14931646
CIE Lab	86.08, 0.57, 13.46
CIE LCh	86, 13.472, 87.568
Yxy	68.1417, 0.3393, 0.3556
Android (android.graphics.Color)	4293121726 (0xFFE3D6BE)
YUV	215.1510, -12.3994, 10.3916
Hunter-Lab	82.5480, -3.8624, 15.8084

Details

The XYZ color **65.0194, 68.1417, 58.4410** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4561, 59.2040, 81.1256**, and the grayscale version is **64.7691, 68.1422, 74.2068**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **33.7081, 35.2603, 28.6962** is the 20% darker color. If you saturate the color by 10%, you get **60.7609, 63.2905, 45.7194**, and if you desaturate by 10%, it is **69.7668, 73.3511, 73.2336**.

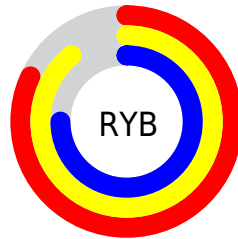
Distribution



Red (89%)

Green (84%)

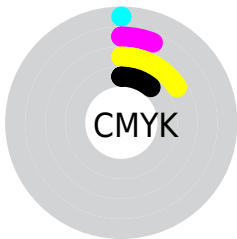
Blue (75%)



Red (82%)

Yellow (89%)

Blue (75%)

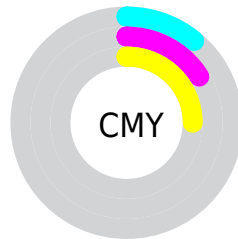


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0194, 68.1417, 58.4410 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 65.0194, 68.1417, 58.4410 by changing the saturation by 10% instead.

■ 65.0194, 68.1417,
58.4410

■ 65.0194, 68.1417,
58.4410

432.4058,
453.9979, 436.4713

■ 47.7416, 50.0130,
41.7462

■ 111.1433,
116.5548, 104.0859

■ 33.8327, 35.4237,
28.5786

140.7201,
147.6081, 133.8731

■ 22.9274, 23.9895,
18.5194

175.1272,
183.7383, 168.8616

■ 14.6603, 15.3258,
11.1503

214.7301,
225.3299, 209.4698

■ 8.6661, 9.0484,
6.0525

259.8940,
272.7673, 256.1163

■ 4.5794, 4.7727,
2.8078

310.9844,

■ 2.0348, 2.1145,

326.4348, 309.2197

0.9973

368.3665,
386.7169, 369.1985

■ 0.6534, 0.6728,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.0194, 68.1417,
58.4410

■ 65.0194, 68.1417,
58.4410

■ 60.7609, 63.2905,
45.7194

■ 69.7668, 73.3511,
73.2336

■ 56.9666, 58.7784,
34.9702

■ 75.0157, 78.9191,
90.1812

■ 53.6177, 54.5981,
26.0929

■ 80.2814, 84.6562,
106.7167

■ 50.6918, 50.7381,
18.9766

■ 82.6535, 89.4003,
107.5074

■ 48.1640, 47.1862,
13.4985

■ 85.1296, 94.3526,
108.3328

■ 46.0067, 43.9288,
9.5199

■ 85.4888, 95.0710,
108.4525

■ 44.1875, 40.9505,
6.8786

■ 42.6665, 38.2328,
5.3721

■ 42.1546, 37.2827,
4.9745

Harmonies

Analogous

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



68.0098, 68.1417, 60.7235



65.0194, 68.1417, 58.4410



62.0522, 68.1417, 60.0931

Triad

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



65.0194, 68.1417, 58.4410



59.6349, 68.1417, 82.3624



69.9187, 68.1417, 83.7122

Complementary

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



65.0194, 68.1417, 58.4410



56.4561, 59.2040, 81.1256

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.



67.5591, 68.1417, 90.3460



65.0194, 68.1417, 58.4410



61.6283, 68.1417, 89.5241

Square

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



65.0194, 68.1417, 58.4410



59.0029, 68.1417, 73.4741



64.5145, 68.1417, 92.5521



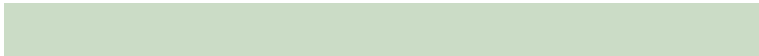
70.8940, 68.1417, 74.9200

Rectangle

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



65.0194, 68.1417, 58.4410



60.4742, 68.1417, 63.2826



64.5145, 68.1417, 92.5521



69.2575, 68.1417, 86.2942

Sweetspot

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



65.0212, 68.1447, 58.4424



91.6526, 96.3818, 97.9743



60.9400, 57.4976, 64.7418



19.5181, 20.5229, 20.6542



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.



65.0212, 68.1447, 58.4424



82.4485, 86.2384, 69.4269



66.9087, 74.1967, 59.5111



15.1533, 15.9205, 15.1788



24.6979, 21.9700, 2.9389



1.9115, 1.7964, 0.2460

Inverse Universe

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



56.4561, 59.2040, 81.1256



69.0500, 72.2537, 104.9148



54.7679, 53.9672, 80.2038



13.9949, 14.7111, 18.2463



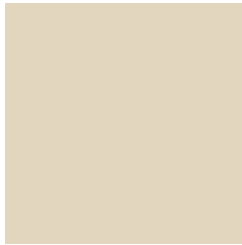
9.8469, 6.7558, 43.1682



0.8124, 0.6688, 3.2182

Previews

White Background



This preview shows how the XYZ color 65.0194, 68.1417, 58.4410 looks on a white background.

Color Contrast Check

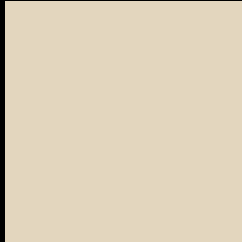
Large Text (above 18pt) WCAG AA × Fail

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 65.0194, 68.1417, 58.4410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

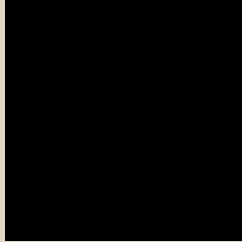
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

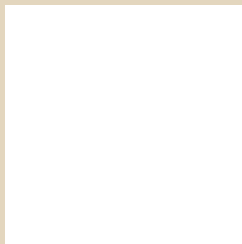
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0194, 68.1417, 58.4410

Background



This preview shows how black text looks on a background with the XYZ color 65.0194, 68.1417, 58.4410.

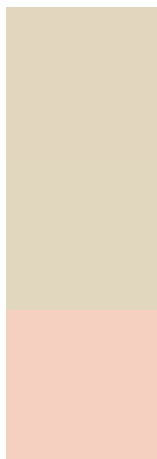


This preview shows how white text looks on a background with the XYZ color 65.0194, 68.1417,

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

65.0194, 68.1417, 58.4410

Protanopia

64.6460, 68.3261, 58.4962

Deuteranopia

69.3730, 67.7997, 58.7205



Tritanopia

69.6698, 68.1930, 80.7247

Trichromacy



Original Color

65.0194, 68.1417, 58.4410

Protanomaly

64.9587, 68.4873, 58.5109

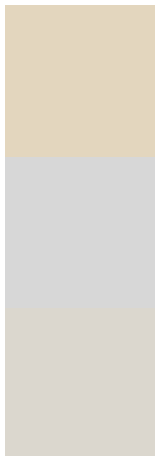
Deuteranomaly

67.7105, 68.0319, 58.8530

Tritanomaly

67.8111, 68.1650, 71.8705

Monochromacy



Original Color

65.0194, 68.1417, 58.4410

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.6544, 68.1172, 68.1328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0194, 68.1417, 58.4410 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(227, 214, 190)` looks like.

```
.text, #text, p{  
    color:rgb(227, 214, 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(227, 214, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 214, 190) }
```

Border

The CSS property to change the border of an element to XYZ 65.0194, 68.1417, 58.4410 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(227, 214, 190) }
```


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

```
.border{ border-color:rgb(227, 214, 190) }
```

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

Here you see how a box with a 4 pixel rgb(227, 214, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 214, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 214, 190);  
box-shadow:4px 4px 4px 4px rgb(227, 214,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0194, 68.1417, 58.4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 214, 190) }
```

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

```
.background{ background-color: rgb(227,  
214, 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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