

Converting Colors

XYZ(65.1825, 67.9871, 58.9397)

Have a look what the booklet for
XYZ(65.1825, 67.9871, 58.9397)
contains.

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Color

**XYZ(65.1931, 67.8441,
58.9494)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D5BF
RGB	228, 213, 191
RGB Percent	89%, 84%, 75%
CMY	0.1059, 0.1647, 0.2510
CMYK	0.00, 0.07, 0.16, 0.11
HSL	36°, 41%, 82%
HSV	36°, 16%, 89%
XYZ	65.1931, 67.8441, 58.9494
YIQ	214.9770, 16.0020, -3.6620

Conversions

Conversions Part 2

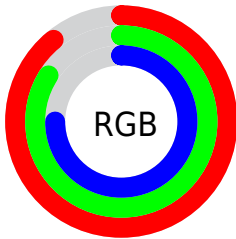
Format	Color
R _Y B	216, 228, 191
Decimal	14996927
CIE Lab	85.93, 1.61, 12.73
CIE LCh	86, 12.834, 82.815
Yxy	67.8441, 0.3396, 0.3534
Android (android.graphics.Color)	4293187007 (0xFFE4D5BF)
YUV	214.9770, -11.8207, 11.4212
Hunter-Lab	82.3675, -2.8622, 15.2242

Details

The XYZ color **65.1931, 67.8441, 58.9494** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5604, 60.8190, 82.1047**, and the grayscale version is **64.6472, 68.0139, 74.0671**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **33.8276, 35.0594, 29.0290** is the 20% darker color. If you saturate the color by 10%, you get **60.6189, 62.4030, 45.9944**, and if you desaturate by 10%, it is **70.2941, 73.7124, 74.0087**.

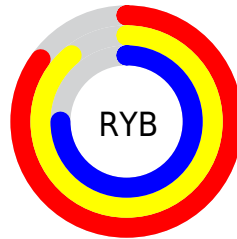
Distribution



Red (89%)

Green (84%)

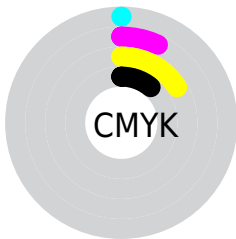
Blue (75%)



Red (85%)

Yellow (89%)

Blue (75%)

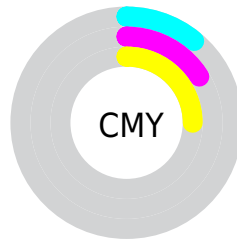


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1931, 67.8441, 58.9494 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 65.1931, 67.8441, 58.9494 by changing the saturation by 10% instead.

65.1931, 67.8441,
58.9494

65.1931, 67.8441,
58.9494

433.0198,
452.9435, 438.4110

47.8830, 49.7709,
42.1526

111.3916,
116.1291, 104.8325

33.9451, 35.2314,
28.8944

141.0107,
147.1097, 134.7560

23.0141, 23.8412,
18.7560

175.4634,
183.1615, 169.8920

14.7247, 15.2159,
11.3191

215.1152,
224.6690, 210.6593

8.7114, 8.9710,
6.1650

260.3314,
272.0166, 257.4763

4.6090, 4.7223,
2.8753

311.4773,

2.0521, 2.0853,

325.5886, 310.7616

1.0313

368.9183,
385.7694, 370.9336

■ 0.6630, 0.6563,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.1931, 67.8441,
58.9494

■ 65.1931, 67.8441,
58.9494

■ 60.6189, 62.4030,
45.9944

■ 70.2941, 73.7124,
74.0087

■ 56.5458, 57.3685,
35.0436

■ 75.9353, 80.0097,
91.2573

■ 52.9539, 52.7313,
25.9956

■ 81.4196, 86.4630,
107.0055

■ 49.8198, 48.4784,
18.7377

■ 84.2205, 92.0648,
107.9391

■ 47.1175, 44.5956,
13.1459

■ 85.8051, 95.2341,
108.4673

■ 44.8182, 41.0674,
9.0795

■ 42.8884, 37.8765,
6.3747

■ 41.2868, 35.0022,
4.8270

■ 40.7426, 33.9891,
4.4132

Harmonies

Analogous

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



67.9597, 67.8441, 61.7129



65.1931, 67.8441, 58.9494



62.3173, 67.8441, 59.9349

Triad

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



65.1931, 67.8441, 58.9494



59.4140, 67.8441, 80.3255



69.0914, 67.8441, 84.0899

Complementary

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



65.1931, 67.8441, 58.9494



57.5604, 60.8190, 82.1047

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.



66.6999, 67.8441, 89.8148



65.1931, 67.8441, 58.9494



61.1284, 67.8441, 87.5287

Square

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



65.1931, 67.8441, 58.9494



59.0382, 67.8441, 71.8651



63.7796, 67.8441, 91.1187



70.2543, 67.8441, 75.9133

Rectangle

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



65.1931, 67.8441, 58.9494



60.7190, 67.8441, 62.6238



63.7796, 67.8441, 91.1187



68.4011, 67.8441, 86.3894

Sweetspot

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



65.1949, 67.8471, 58.9508



91.4382, 95.9531, 97.9029



61.8177, 58.2330, 66.6410



19.4660, 20.4186, 20.6368



0.0000, 0.0000, 0.0000



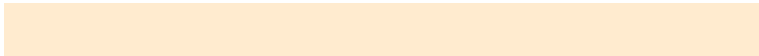
20.3446, 21.4041, 23.3091

Same Dimension

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



65.1949, 67.8471, 58.9508



82.2603, 85.3685, 70.8856



68.1733, 75.2430, 60.2214



15.0861, 15.7860, 15.1563



23.6454, 19.8649, 2.5881



1.8379, 1.6492, 0.2215

Inverse Universe

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



57.5604, 60.8190, 82.1047



70.9034, 74.9144, 105.3307



54.9048, 54.3444, 80.9949



14.0600, 14.8413, 18.2680



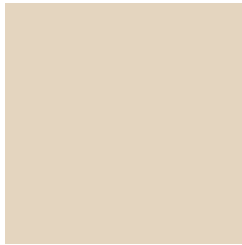
10.4257, 7.9135, 43.3611



0.8597, 0.7633, 3.2340

Previews

White Background



This preview shows how the XYZ color 65.1931, 67.8441, 58.9494 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 65.1931, 67.8441, 58.9494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

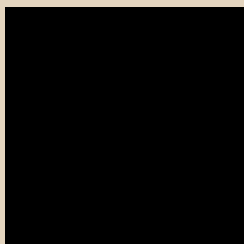
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1931, 67.8441, 58.9494

Background



This preview shows how black text looks on a background with the XYZ color 65.1931, 67.8441, 58.9494.



This preview shows how white text looks on a background with the XYZ color 65.1931, 67.8441,

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

65.1931, 67.8441, 58.9494

Protanopia

64.3015, 67.7462, 59.5564

Deuteranopia

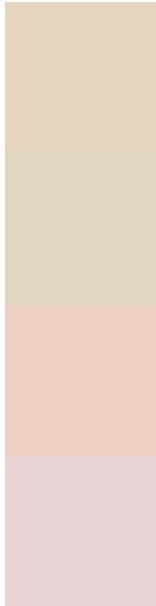
69.1355, 67.6645, 59.2859



Tritanopia

69.2891, 67.6494, 79.9267

Trichromacy



Original Color

65.1931, 67.8441, 58.9494

Protanomaly

64.6123, 67.9065, 59.5710

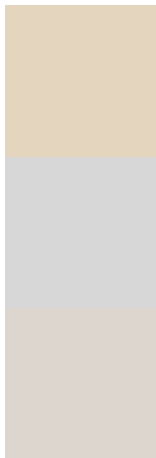
Deuteranomaly

67.5748, 67.5838, 59.3526

Tritanomaly

67.8853, 67.8356, 71.8030

Monochromacy



Original Color

65.1931, 67.8441, 58.9494

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.7023, 67.7650, 68.0623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1931, 67.8441, 58.9494 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(228, 213, 191)` looks like.

```
.text, #text, p{  
    color:rgb(228, 213, 191)  
}
```

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(228, 213, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 213, 191) }
```

Border

The CSS property to change the border of an element to XYZ 65.1931, 67.8441, 58.9494 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(228, 213, 191) }
```


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

```
.border{ border-color:rgb(228, 213, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 213, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 213, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 213, 191);  
box-shadow:4px 4px 4px 4px rgb(228, 213,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1931, 67.8441, 58.9494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 213, 191) }
```

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

```
.background{ background-color: rgb(228,  
213, 191) }
```

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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