

Converting Colors

XYZ(64.4863, 65.8672, 65.3672)

Have a look what the booklet for
XYZ(64.4863, 65.8672, 65.3672)
contains.

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Color

**XYZ(64.5125, 65.8727,
65.1917)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D1CA
RGB	225, 209, 202
RGB Percent	88%, 82%, 79%
CMY	0.1176, 0.1804, 0.2078
CMYK	0.00, 0.07, 0.10, 0.12
HSL	18°, 28%, 84%
HSV	18°, 10%, 88%
XYZ	64.5125, 65.8727, 65.1917
YIQ	212.9860, 11.7830, 1.2150

Conversions

Conversions Part 2

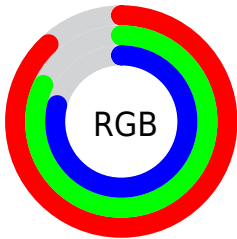
Format	Color
R _Y B	225, 212, 202
Decimal	14799306
CIE Lab	84.93, 4.36, 5.45
CIE LCh	85, 6.983, 51.335
Yxy	65.8727, 0.3299, 0.3368
Android (android.graphics.Color)	4292989386 (0xFFE1D1CA)
YUV	212.9860, -5.4161, 10.5363
Hunter-Lab	81.1620, -0.1508, 9.1899

Details

The XYZ color **64.5125, 65.8727, 65.1917** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0191, 68.1346, 81.0648**, and the grayscale version is **63.2676, 66.5624, 72.4864**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6442, 34.1269, 32.8309** is the 20% darker color. If you saturate the color by 10%, you get **58.3881, 57.5806, 50.9510**, and if you desaturate by 10%, it is **71.4061, 75.0803, 81.6067**.

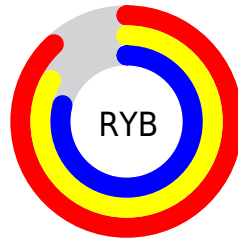
Distribution



Red (88%)

Green (82%)

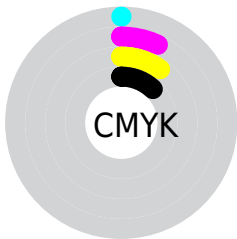
Blue (79%)



Red (88%)

Yellow (83%)

Blue (79%)

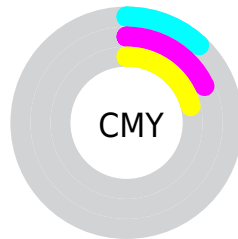


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (12%)



Cyan (12%)

Magenta (18%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5125, 65.8727, 65.1917 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 64.5125, 65.8727, 65.1917 by changing the saturation by 10% instead.

64.5125, 65.8727,
65.1917

64.5125, 65.8727,
65.1917

430.6110,
445.9215, 461.8056

47.3291, 48.1691,
47.1642

110.4183,
113.3036, 113.9413

33.5050, 33.9608,
32.8102

139.8714,
143.7997, 145.5006

22.6746, 22.8635,
21.7112

174.1452,
179.3287, 182.4074

14.4728, 14.4927,
13.4485

213.6050,
220.2750, 225.0805

8.5341, 8.4642,
7.6038

258.6161,
267.0230, 273.9383

4.4932, 4.3934,
3.7584

309.5439,

1.9848, 1.8959,

319.9572, 329.3994

1.4937

366.7537,
379.4619, 391.8823

■ 0.6254, 0.5459,
0.2133

■ 0.0000, 0.0000,
0.0000

■ 64.5125, 65.8727,
65.1917

■ 64.5125, 65.8727,
65.1917

■ 58.3881, 57.5806,
50.9510

■ 71.4061, 75.0803,
81.6067

■ 53.0000, 50.1669,
38.7887

■ 79.0897, 85.2216,
100.2781

■ 48.3207, 43.6047,
28.6078

■ 84.8617, 94.7477,
108.4232

■ 44.3188, 37.8624,
20.3019

■ 40.9604, 32.9063,
13.7546

■ 38.2086, 28.7005,
8.8363

■ 36.0219, 25.2055,
5.3991

■ 34.3527, 22.3779,
3.2679

■ 33.1502, 20.2046,
2.1527

Harmonies

Analogous

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



65.4604, 65.8727, 68.6286



64.5125, 65.8727, 65.1917



63.0653, 65.8727, 63.5228

Triad

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



64.5125, 65.8727, 65.1917



59.6767, 65.8727, 70.4312



63.7132, 65.8727, 80.0708

Complementary

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



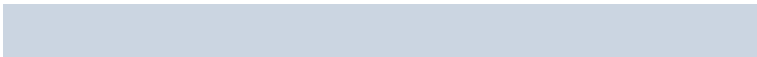
64.5125, 65.8727, 65.1917



63.0191, 68.1346, 81.0648

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.



62.1569, 65.8727, 80.6027



64.5125, 65.8727, 65.1917



59.8437, 65.8727, 74.9114

Square

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



64.5125, 65.8727, 65.1917



60.2855, 65.8727, 66.4640



60.7453, 65.8727, 78.6791



64.9936, 65.8727, 77.2548

Rectangle

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



64.5125, 65.8727, 65.1917



62.0194, 65.8727, 63.5873



60.7453, 65.8727, 78.6791



63.2044, 65.8727, 80.5272

Sweetspot

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



64.5143, 65.8756, 65.1931



92.1687, 96.1692, 101.9838



64.8408, 63.3168, 75.2031



19.5665, 20.3691, 21.4429



0.0000, 0.0000, 0.0000



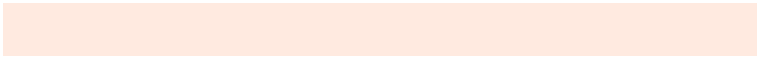
20.3446, 21.4041, 23.3091

Same Dimension

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



64.5143, 65.8756, 65.1931



84.0915, 85.3488, 82.8476



67.4112, 71.6694, 66.1587



14.0459, 14.3777, 14.3417



19.1928, 11.8236, 1.2706



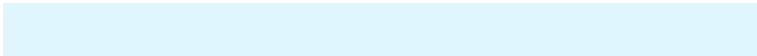
1.4076, 0.9741, 0.1138

Inverse Universe

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



63.0191, 68.1346, 81.0648



81.7737, 88.8495, 107.4475



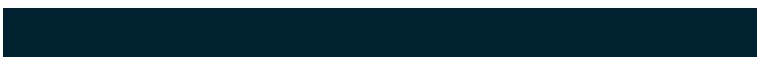
60.1647, 62.4259, 80.1134



13.7459, 14.8310, 17.5259



14.8367, 17.1430, 43.5753



1.1062, 1.3439, 3.0463

Previews

White Background



This preview shows how the XYZ color 64.5125, 65.8727, 65.1917 looks on a white background.

Color Contrast Check

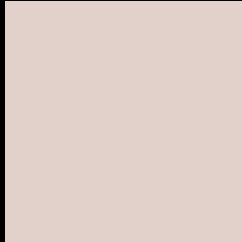
Large Text (above 18pt) WCAG AA × Fail

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 64.5125, 65.8727, 65.1917 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 64.5125, 65.8727, 65.1917

Background



This preview shows how black text looks on a background with the XYZ color 64.5125, 65.8727, 65.1917.

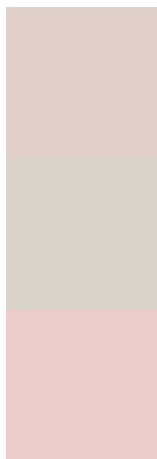


This preview shows how white text looks on a background with the XYZ color 64.5125, 65.8727,

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

64.5125, 65.8727, 65.1917

Protanopia

62.9872, 65.8058, 65.8819

Deuteranopia

67.2029, 65.8073, 65.6600



Tritanopia

67.2510, 65.9105, 78.2847

Trichromacy



Original Color

64.5125, 65.8727, 65.1917

Protanomaly

63.6449, 65.7771, 65.8417

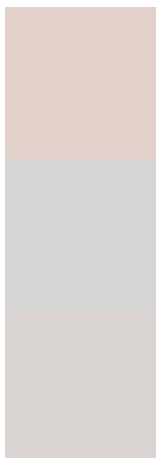
Deuteranomaly

66.1295, 65.6102, 65.6786

Tritanomaly

66.2571, 65.8628, 73.5107

Monochromacy



Original Color

64.5125, 65.8727, 65.1917

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.6674, 66.4421, 69.7906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5125, 65.8727, 65.1917 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(225, 209, 202) looks like.

```
.text, #text, p{  
    color:rgb(225, 209, 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(225, 209, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 209, 202) }
```

Border

The CSS property to change the border of an element to XYZ 64.5125, 65.8727, 65.1917 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(225, 209, 202) }
```


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

```
.border{ border-color:rgb(225, 209, 202) }
```

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

Here you see how a box with a 4 pixel rgb(225, 209, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 209, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 209, 202);  
box-shadow:4px 4px 4px 4px rgb(225, 209,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5125, 65.8727, 65.1917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 209, 202) }
```

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

```
.background{ background-color: rgb(225,  
209, 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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