

Converting Colors

XYZ(66.1005, 67.9628, 58.2358)

Have a look what the booklet for
XYZ(66.1005, 67.9628, 58.2358)
contains.

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Color

**XYZ(66.1165, 67.9605,
58.3482)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D4BE
RGB	232, 212, 190
RGB Percent	91%, 83%, 75%
CMY	0.0902, 0.1686, 0.2549
CMYK	0.00, 0.09, 0.18, 0.09
HSL	31°, 48%, 83%
HSV	31°, 18%, 91%
XYZ	66.1165, 67.9605, 58.3482
YIQ	215.4720, 18.9820, -2.6020

Conversions

Conversions Part 2

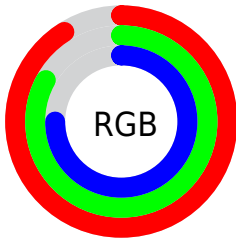
Format	Color
R _Y B	228, 232, 190
Decimal	15258814
CIE Lab	85.99, 3.43, 13.39
CIE LCh	86, 13.821, 75.647
Yxy	67.9605, 0.3436, 0.3532
Android (android.graphics.Color)	4293448894 (0xFFE8D4BE)
YUV	215.4720, -12.5577, 14.4951
Hunter-Lab	82.4382, -1.1074, 15.7423

Details

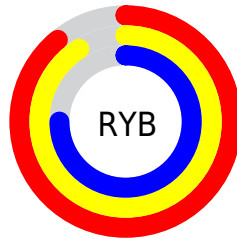
The XYZ color **66.1165, 67.9605, 58.3482** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8470, 62.8652, 85.3771**, and the grayscale version is **64.9864, 68.3707, 74.4557**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **34.4768, 35.1502, 28.6345** is the 20% darker color. If you saturate the color by 10%, you get **61.1131, 61.6935, 45.1502**, and if you desaturate by 10%, it is **71.7161, 74.7728, 73.7379**.

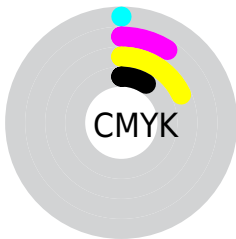
Distribution



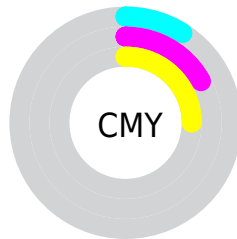
- Red (91%)
- Green (83%)
- Blue (75%)



- Red (89%)
- Yellow (91%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (18%)
- Black (9%)



- Cyan (9%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1165, 67.9605, 58.3482 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 66.1165, 67.9605, 58.3482 by changing the saturation by 10% instead.

66.1165, 67.9605,
58.3482

66.1165, 67.9605,
58.3482

436.2755,
453.3561, 436.1166

48.6350, 49.8656,
41.6721

112.7103,
116.2956, 103.9495

34.5434, 35.3066,
28.5210

142.5534,
147.3047, 133.7118

23.4762, 23.8992,
18.4763

177.2477,
183.3872, 168.6733

15.0682, 15.2588,
11.1195

217.1586,
224.9276, 209.2524

8.9539, 9.0012,
6.0321

262.6515,
272.3103, 255.8678

4.7680, 4.7420,
2.7955

314.0917,

2.1451, 2.0967,

325.9197, 308.9379

0.9912

371.8446,
386.1401, 368.8813

■ 0.7136, 0.6628,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.1165, 67.9605,
58.3482

■ 66.1165, 67.9605,
58.3482

■ 61.1131, 61.6935,
45.1502

■ 71.7161, 74.7728,
73.7379

■ 56.6777, 55.9477,
34.0379

■ 77.9279, 82.1358,
91.4099

■ 52.7876, 50.7100,
24.9031

■ 84.0241, 89.7662,
107.5058

■ 49.4164, 45.9635,
17.6259

■ 87.0890, 95.8959,
108.5274

■ 46.5348, 41.6899,
12.0731

■ 44.1102, 37.8693,
8.0937

■ 42.1045, 34.4793,
5.5098

■ 40.4662, 31.4919,
4.0721

■ 40.1833, 30.9645,
3.8589

Harmonies

Analogous

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



68.9478, 67.9605, 62.2091



66.1165, 67.9605, 58.3482



62.9651, 67.9605, 58.4353

Triad

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



66.1165, 67.9605, 58.3482



58.9036, 67.9605, 78.8039



69.0495, 67.9605, 86.8776

Complementary

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



66.1165, 67.9605, 58.3482



58.8470, 62.8652, 85.3771

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.



66.2516, 67.9605, 92.1029



66.1165, 67.9605, 58.3482



60.4283, 67.9605, 87.1881

Square

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



66.1165, 67.9605, 58.3482



58.8701, 67.9605, 69.7558



63.0959, 67.9605, 92.2209



70.6783, 67.9605, 78.4076

Rectangle

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



66.1165, 67.9605, 58.3482



61.1085, 67.9605, 60.7049



63.0959, 67.9605, 92.2209



68.2105, 67.9605, 89.1012

Sweetspot

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



66.1183, 67.9635, 58.3496



91.1586, 95.3939, 97.8097



63.3632, 58.6518, 69.1511



19.3980, 20.2827, 20.6142



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.



66.1183, 67.9635, 58.3496



79.3609, 81.0263, 65.4289



71.2035, 78.4705, 60.1097



14.9987, 15.6113, 15.1272



22.4351, 17.4444, 2.1846



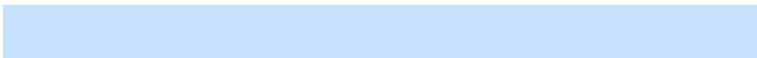
1.7508, 1.4749, 0.1924

Inverse Universe

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



58.8470, 62.8652, 85.3771



68.6666, 73.5283, 105.1810



54.3903, 53.6916, 83.8413



14.1460, 15.0134, 18.2966



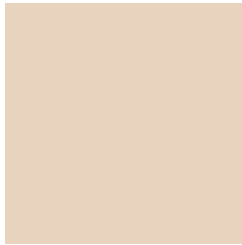
11.3332, 9.7285, 43.6636



0.9300, 0.9039, 3.2574

Previews

White Background



This preview shows how the XYZ color 66.1165, 67.9605, 58.3482 looks on a white background.

Color Contrast Check

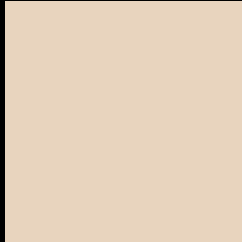
Large Text (above 18pt) WCAG AA × Fail

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 66.1165, 67.9605, 58.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

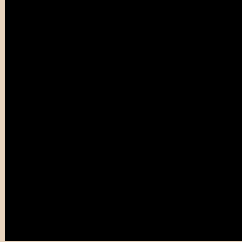
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.1165, 67.9605, 58.3482

Background



This preview shows how black text looks on a background with the XYZ color 66.1165, 67.9605, 58.3482.



This preview shows how white text looks on a background with the XYZ color 66.1165, 67.9605,

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

66.1165, 67.9605, 58.3482

Protanopia

64.5019, 67.8623, 58.9893

Deuteranopia

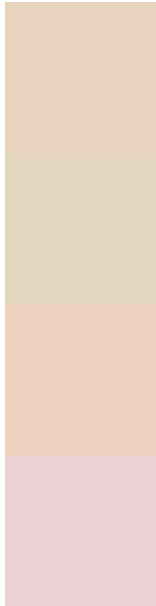
69.3730, 67.7997, 58.7205



Tritanopia

70.2242, 67.7862, 79.1949

Trichromacy



Original Color

66.1165, 67.9605, 58.3482

Protanomaly

65.1931, 67.8441, 58.9494

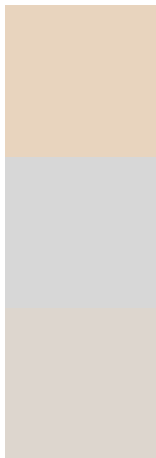
Deuteranomaly

68.1396, 67.8878, 58.8025

Tritanomaly

68.8193, 67.9662, 71.1196

Monochromacy



Original Color

66.1165, 67.9605, 58.3482

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.0059, 67.9215, 68.0765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1165, 67.9605, 58.3482 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, 212, 190)` looks like.

```
.text, #text, p{  
    color:rgb(232, 212, 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(232, 212, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 212, 190) }
```

Border

The CSS property to change the border of an element to XYZ 66.1165, 67.9605, 58.3482 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, 212, 190) }
```


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

```
.border{ border-color:rgb(232, 212, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 212, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 212, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 212, 190);  
box-shadow:4px 4px 4px 4px rgb(232, 212,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1165, 67.9605, 58.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 212, 190) }
```

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

```
.background{ background-color: rgb(232,  
212, 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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