

Converting Colors

XYZ(65.1317, 66.3086, 56.6325)

Have a look what the booklet for
XYZ(65.1317, 66.3086, 56.6325)
contains.

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Color

**XYZ(65.0488, 66.3446,
56.3911)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D1BB
RGB	232, 209, 187
RGB Percent	91%, 82%, 73%
CMY	0.0902, 0.1804, 0.2667
CMYK	0.00, 0.10, 0.19, 0.09
HSL	29°, 49%, 82%
HSV	29°, 19%, 91%
XYZ	65.0488, 66.3446, 56.3911
YIQ	213.3690, 20.7700, -1.9660

Conversions

Conversions Part 2

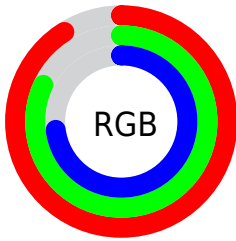
Format	Color
R _Y B	232, 230, 187
Decimal	15258043
CIE _{Lab}	85.17, 4.54, 13.82
CIE _{LCh}	85, 14.548, 71.814
Y _{xy}	66.3446, 0.3464, 0.3533
Android (android.graphics.Color)	4293448123 (0xFFE8D1BB)
Y _{UV}	213.3690, -12.9999, 16.3394
Hunter-Lab	81.4522, 0.0111, 15.9688

Details

The XYZ color **65.0488, 66.3446, 56.3911** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1052, 62.4827, 85.3422**, and the grayscale version is **63.5690, 66.8795, 72.8318**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **33.9289, 34.3940, 27.4047** is the 20% darker color. If you saturate the color by 10%, you get **59.9622, 59.8299, 43.4161**, and if you desaturate by 10%, it is **70.7567, 73.4587, 71.5543**.

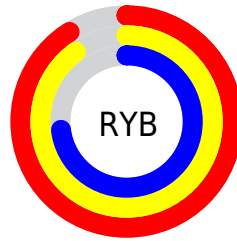
Distribution



Red (91%)

Green (82%)

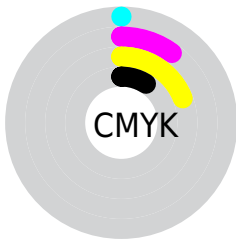
Blue (73%)



Red (91%)

Yellow (90%)

Blue (73%)

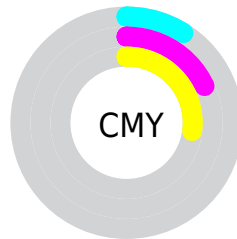


Cyan (0%)

Magenta (10%)

Yellow (19%)

Black (9%)



Cyan (9%)


Magenta (18%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0488, 66.3446, 56.3911 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 65.0488, 66.3446, 56.3911 by changing the saturation by 10% instead.

 65.0488, 66.3446,
56.3911

 65.0488, 66.3446,
56.3911


432.5098,
447.6083, 428.5934

 47.7655, 48.5522,
40.1105


 111.1853,
113.9808, 101.0677

 33.8517, 34.2644,
27.3103

140.7693,
144.5934, 130.3007

 22.9420, 23.0968,
17.5719


175.1841,
180.2481, 164.6883

 14.6712, 14.6650,
10.4768

214.7953,
221.3294, 204.6490

 8.6737, 8.5846,
5.6065

259.9681,
268.2217, 250.6013

 4.5844, 4.4712,
2.5424

311.0678,

 2.0378, 1.9405,

321.3093, 302.9638

0.8625

368.4599,
380.9767, 362.1549

■ 0.6550, 0.5726,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.0488, 66.3446,
56.3911

■ 65.0488, 66.3446,
56.3911

■ 59.9622, 59.8299,
43.4161

■ 70.7567, 73.4587,
71.5543

■ 55.4677, 53.8886,
32.5222

■ 77.1031, 81.1796,
88.9975

■ 51.5414, 48.5057,
23.5997

■ 83.8519, 89.4220,
107.4484

■ 48.1555, 43.6621,
16.5267

■ 87.0889, 95.8959,
108.5274

■ 45.2794, 39.3371,
11.1678

■ 42.8786, 35.5083,
7.3687

■ 40.9132, 32.1507,
4.9467

■ 39.3222, 29.2303,
3.6097

■ 39.2339, 29.0660,
3.5424

Harmonies

Analogous

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



67.8802, 66.3446, 60.8451



65.0488, 66.3446, 56.3911



61.7752, 66.3446, 55.9514

Triad

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



65.0488, 66.3446, 56.3911



57.0807, 66.3446, 76.0021



67.3605, 66.3446, 86.5637

Complementary

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



65.0488, 66.3446, 56.3911



58.1052, 62.4827, 85.3422

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.



64.3595, 66.3446, 91.4130



65.0488, 66.3446, 56.3911



58.4708, 66.3446, 84.9710

Square

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



65.0488, 66.3446, 56.3911



57.2508, 66.3446, 66.7426



61.1093, 66.3446, 90.8061



69.2464, 66.3446, 78.0271

Rectangle

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



65.0488, 66.3446, 56.3911



59.7897, 66.3446, 57.9419



61.1093, 66.3446, 90.8061



66.4444, 66.3446, 88.7111

Sweetspot

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



65.0506, 66.3476, 56.3925



90.2400, 94.1661, 95.6243



62.7137, 57.3629, 68.9037



19.2068, 20.0231, 20.1718



0.0000, 0.0000, 0.0000



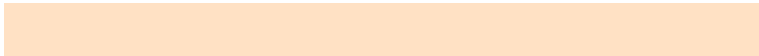
20.3446, 21.4041, 23.3091

Same Dimension

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



65.0506, 66.3476, 56.3925



78.1769, 79.1278, 63.5865



70.8948, 78.0360, 58.3406



14.9559, 15.5257, 15.1130



21.9064, 16.3869, 2.0084



1.7116, 1.3964, 0.1793

Inverse Universe

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



58.1052, 62.4827, 85.3422



68.1897, 73.5700, 105.2142



52.9897, 52.2517, 83.6370



14.1887, 15.0988, 18.3109



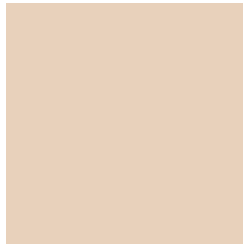
11.8457, 10.7534, 43.8345



0.9683, 0.9805, 3.2702

Previews

White Background



This preview shows how the XYZ color 65.0488, 66.3446, 56.3911 looks on a white background.

Color Contrast Check

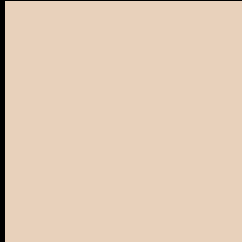
Large Text (above 18pt) WCAG AA × Fail

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 65.0488, 66.3446, 56.3911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

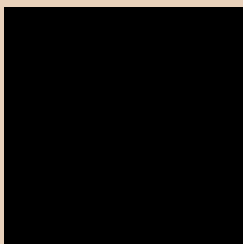
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

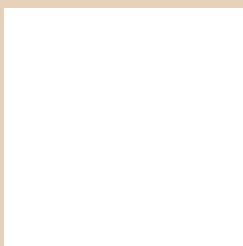
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0488, 66.3446, 56.3911

Background



This preview shows how black text looks on a background with the XYZ color 65.0488, 66.3446, 56.3911.



This preview shows how white text looks on a background with the XYZ color 65.0488, 66.3446,

56.3911.

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

65.0488, 66.3446, 56.3911

Protanopia

62.8530, 66.2907, 57.6268

Deuteranopia

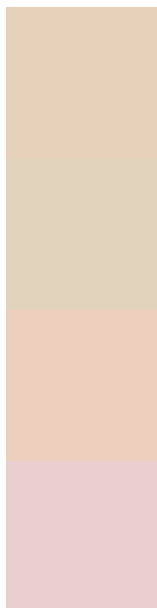
67.5264, 66.1707, 56.7902



Tritanopia

69.1032, 66.1859, 76.8432

Trichromacy



Original Color

65.0488, 66.3446, 56.3911

Protanomaly

63.7354, 66.3881, 57.0319

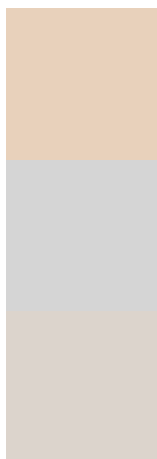
Deuteranomaly

66.4083, 65.9506, 56.8066

Tritanomaly

67.7174, 66.3588, 68.9140

Monochromacy



Original Color

65.0488, 66.3446, 56.3911

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.9578, 66.6622, 66.6229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0488, 66.3446, 56.3911 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, 209, 187)` looks like.

```
.text, #text, p{  
    color:rgb(232, 209, 187)  
}
```

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, 209, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 209, 187) }
```

Border

The CSS property to change the border of an element to XYZ 65.0488, 66.3446, 56.3911 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, 209, 187) }
```


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

```
.border{ border-color:rgb(232, 209, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 209, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 209, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 209, 187);  
box-shadow:4px 4px 4px 4px rgb(232, 209,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0488, 66.3446, 56.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 209, 187) }
```

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

```
.background{ background-color: rgb(232,  
209, 187) }
```

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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