

Converting Colors

XYZ(55.9658, 58.3233, 35.1059)

Have a look what the booklet for
XYZ(55.9658, 58.3233, 35.1059)
contains.

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Color

**XYZ(56.0454, 58.2798,
35.0833)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C691
RGB	224, 198, 145
RGB Percent	88%, 78%, 57%
CMY	0.1216, 0.2235, 0.4314
CMYK	0.00, 0.12, 0.35, 0.12
HSL	40°, 56%, 72%
HSV	40°, 35%, 88%
XYZ	56.0454, 58.2798, 35.0833
YIQ	199.7320, 32.5090, -10.9710

Conversions

Conversions Part 2

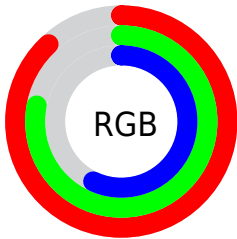
Format	Color
RYB	184, 224, 145
Decimal	14730897
CIELab	80.89, 1.63, 29.95
CIELCh	81, 29.991, 86.879
Yxy	58.2798, 0.3751, 0.3901
Android (android.graphics.Color)	4292920977 (0xFFE0C691)
YUV	199.7320, -26.9829, 21.2830
Hunter-Lab	76.3412, -2.5525, 26.1916

Details

The XYZ color **56.0454, 58.2798, 35.0833** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.6942, 40.5262, 76.2513**, and the grayscale version is **54.8828, 57.7410, 62.8799**.

A 20% lighter version of the original color is **87.3088, 96.9035, 68.1354**, and **28.1421, 29.0795, 14.7193** is the 20% darker color. If you saturate the color by 10%, you get **52.8421, 54.3700, 26.3179**, and if you desaturate by 10%, it is **59.6743, 62.4952, 45.6719**.

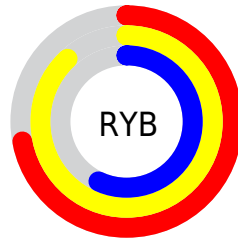
Distribution



Red (88%)

Green (78%)

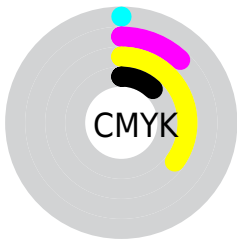
Blue (57%)



Red (72%)

Yellow (88%)

Blue (57%)

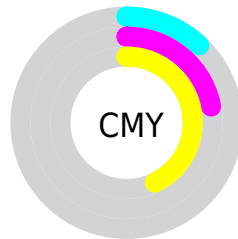


Cyan (0%)

Magenta (12%)

Yellow (35%)

Black (12%)



Cyan (12%)


Magenta (22%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0454, 58.2798, 35.0833 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 56.0454, 58.2798, 35.0833 by changing the saturation by 10% instead.


 56.0454, 58.2798,
35.0833


 56.0454, 58.2798,
35.0833


399.9348,
418.2277, 339.8513

 40.4765, 42.0336,
23.4430


 98.2104, 102.3302,
68.7678

 28.0961, 29.1276,
14.7126


 125.5371,
130.9032, 91.6491

 18.5389, 19.1774,
8.4735


157.5139,
164.3540, 119.1145

 11.4396, 11.7985,
4.3073

194.5060,
203.0669, 151.5825

 6.4328, 6.6066,
1.7954

236.8787,
247.4263, 189.4716

 3.1531, 3.2173,
0.4249

284.9976,

 1.2353, 1.2462,

297.8167, 233.2004

0.0000

339.2278,
354.6223, 283.1875

■ 0.1339, 0.0990,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0454, 58.2798,
35.0833

■ 56.0454, 58.2798,
35.0833

■ 52.8421, 54.3700,
26.3179

■ 59.6743, 62.4952,
45.6719

■ 50.0386, 50.7474,
19.2658

■ 63.7438, 67.0178,
58.1778

■ 47.6130, 47.4035,
13.8109

■ 68.2738, 71.8593,
72.6928

■ 45.5391, 44.3257,
9.8207

■ 73.2814, 77.0283,
89.3017

■ 43.7865, 41.5001,
7.1415

■ 78.4586, 82.4035,
106.3780

■ 42.3182, 38.9097,
5.5846

■ 80.6111, 86.7086,
107.0955

■ 41.6936, 37.7536,
5.0897

■ 82.8522, 91.1907,
107.8425

■ 84.5505, 94.5873,
108.4086

Harmonies

Analogous

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



62.1728, 58.2798, 38.9217



56.0454, 58.2798, 35.0833



50.1713, 58.2798, 37.5940

Triad

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



56.0454, 58.2798, 35.0833



45.4164, 58.2798, 80.1961



66.0006, 58.2798, 84.0223

Complementary

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



56.0454, 58.2798, 35.0833



39.6942, 40.5262, 76.2513

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.



60.9654, 58.2798, 99.0821



56.0454, 58.2798, 35.0833



49.1253, 58.2798, 96.5990

Square

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



56.0454, 58.2798, 35.0833



44.3116, 58.2798, 61.6144



54.7461, 58.2798, 104.0646



68.1835, 58.2798, 65.3356

Rectangle

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



56.0454, 58.2798, 35.0833



47.1315, 58.2798, 42.8456



54.7461, 58.2798, 104.0646



64.5679, 58.2798, 89.8011

Sweetspot

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



56.0469, 58.2825, 35.0845



87.9841, 92.5751, 85.8684



48.2488, 39.0517, 43.6903



18.6574, 19.6269, 17.8223



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.



56.0469, 58.2825, 35.0845



72.1073, 74.4548, 38.5462



58.5830, 69.1801, 37.0543



14.4719, 15.2297, 14.4837



24.3779, 22.1938, 2.9990



1.7705, 1.6999, 0.2348

Inverse Universe

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



39.6942, 40.5262, 76.2513



47.2073, 47.4319, 101.2749



37.7139, 32.9194, 74.8874



13.3186, 13.9763, 17.3834



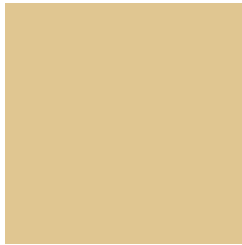
9.3394, 6.1483, 41.7429



0.7273, 0.5860, 2.9200

Previews

White Background



This preview shows how the XYZ color 56.0454, 58.2798, 35.0833 looks on a white background.

Color Contrast Check

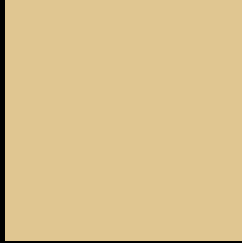
Large Text (above 18pt) WCAG AA × Fail

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 56.0454, 58.2798, 35.0833 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 56.0454, 58.2798, 35.0833

Background



This preview shows how black text looks on a background with the XYZ color 56.0454, 58.2798, 35.0833.



This preview shows how white text looks on a background with the XYZ color 56.0454, 58.2798,

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

56.0454, 58.2798, 35.0833

Protanopia

54.3939, 58.4475, 35.6088

Deuteranopia

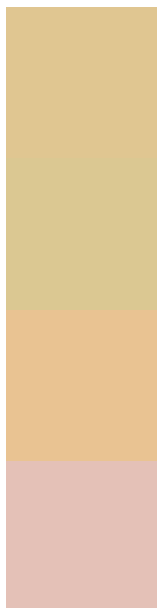
59.5182, 58.3924, 35.3280



Tritanopia

62.3879, 58.2236, 65.7077

Trichromacy



Original Color

56.0454, 58.2798, 35.0833

Protanomaly

55.0560, 58.4439, 35.5732

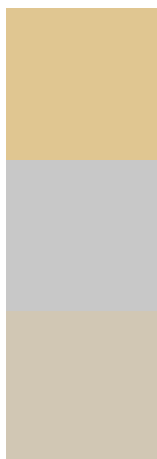
Deuteranomaly

58.3077, 58.4292, 35.3989

Tritanomaly

59.6121, 58.0528, 52.8632

Monochromacy



Original Color

56.0454, 58.2798, 35.0833

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.9561, 57.6974, 51.4202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0454, 58.2798, 35.0833 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(224, 198, 145)` looks like.

```
.text, #text, p{  
    color:rgb(224, 198, 145)  
}
```

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(224, 198, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 198, 145) }
```

Border

The CSS property to change the border of an element to XYZ 56.0454, 58.2798, 35.0833 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(224, 198, 145) }
```


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

```
.border{ border-color:rgb(224, 198, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 198, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 198, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 198, 145);  
box-shadow:4px 4px 4px 4px rgb(224, 198,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0454, 58.2798, 35.0833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 198, 145) }
```

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

```
.background{ background-color: rgb(224,  
198, 145) }
```

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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