

Converting Colors

XYZ(57.1613, 60.7201, 33.7795)

Have a look what the booklet for
XYZ(57.1613, 60.7201, 33.7795)
contains.

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Color

**XYZ(57.2150, 60.6425,
33.8889)**

Conversions

Conversions Part 1

Format	Color
Hex	E1CB8D
RGB	225, 203, 141
RGB Percent	88%, 80%, 55%
CMY	0.1176, 0.2039, 0.4471
CMYK	0.00, 0.10, 0.37, 0.12
HSL	44°, 58%, 72%
HSV	44°, 37%, 88%
XYZ	57.2150, 60.6425, 33.8889
YIQ	202.5100, 33.0140, -14.6180

Conversions

Conversions Part 2

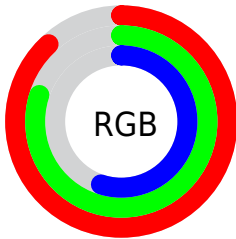
Format	Color
R _{YB}	171, 225, 141
Decimal	14797709
CIE Lab	82.19, -1.04, 33.75
CIE LCh	82, 33.764, 91.765
Yxy	60.6425, 0.3770, 0.3996
Android (android.graphics.Color)	4292987789 (0xFFE1CB8D)
YUV	202.5100, -30.3244, 19.7237
Hunter-Lab	77.8733, -5.1309, 28.7095

Details

The XYZ color **57.2150, 60.6425, 33.8889** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.6720, 37.2922, 76.4468**, and the grayscale version is **56.6283, 59.5774, 64.8798**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **28.7414, 30.5579, 14.0563** is the 20% darker color. If you saturate the color by 10%, you get **54.3435, 57.3120, 25.4945**, and if you desaturate by 10%, it is **60.4826, 64.2204, 44.0946**.

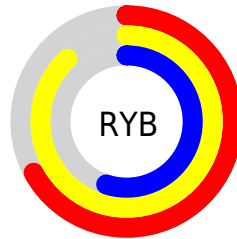
Distribution



Red (88%)

Green (80%)

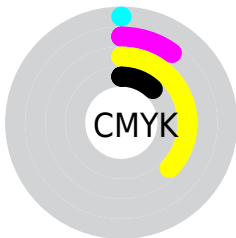
Blue (55%)



Red (67%)

Yellow (88%)

Blue (55%)

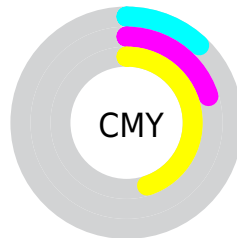


Cyan (0%)

Magenta (10%)

Yellow (37%)

Black (12%)



Cyan (12%)

Magenta (20%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2150, 60.6425, 33.8889 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 57.2150, 60.6425, 33.8889 by changing the saturation by 10% instead.

■ 57.2150, 60.6425,
33.8889

■ 57.2150, 60.6425,
33.8889

404.2556,
426.9620, 334.3904

■ 41.4187, 43.9367,
22.5316

■ 99.9084, 105.7611,
66.8928

■ 28.8355, 30.6208,
14.0460

■ 127.5362,
134.9428, 89.3764

■ 19.1001, 20.3102,
8.0135

■ 159.8385,
169.0518, 116.4060

■ 11.8470, 12.6208,
4.0157

197.1807,
208.4727, 148.3999

■ 6.7111, 7.1679,
1.6340

239.9282,
253.5897, 185.7767

■ 3.3268, 3.5673,
0.3149

288.4462,

■ 1.3288, 1.4346,

304.7873, 228.9551

0.0000

343.1003,
362.4500, 278.3535

■ 0.2046, 0.2420,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2150, 60.6425,
33.8889

■ 57.2150, 60.6425,
33.8889

■ 54.3435, 57.3120,
25.4945

■ 60.4826, 64.2204,
44.0946

■ 51.8422, 54.2110,
18.7982

■ 64.1612, 68.0461,
56.2080

■ 49.6890, 51.3320,
13.6801

■ 68.2705, 72.1305,
70.3232

■ 47.8573, 48.6634,
10.0028

■ 72.8275, 76.4813,
86.5267

46.3160, 46.1917,
7.6051

77.8482, 81.1057,
104.9003

45.0236, 43.8995,
6.2728

79.7792, 84.5833,
106.7291

44.7031, 43.3110,
6.0038

81.5261, 88.0771,
107.3114

83.3297, 91.6843,
107.9126

84.8614, 94.7476,
108.4232

Harmonies

Analogous

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



64.4147, 60.6425, 36.9798



57.2150, 60.6425, 33.8889



50.6773, 60.6425, 37.8128

Triad

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



57.2150, 60.6425, 33.8889



46.6876, 60.6425, 89.0884



70.6670, 60.6425, 86.5395

Complementary

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



57.2150, 60.6425, 33.8889



37.6720, 37.2922, 76.4468

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.



65.2105, 60.6425, 105.6382



57.2150, 60.6425, 33.8889



51.3557, 60.6425, 107.3116

Square

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



57.2150, 60.6425, 33.8889



44.9205, 60.6425, 67.2538



58.0648, 60.6425, 113.9148



72.5563, 60.6425, 64.8199

Rectangle

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



57.2150, 60.6425, 33.8889



47.4678, 60.6425, 44.4720



58.0648, 60.6425, 113.9148



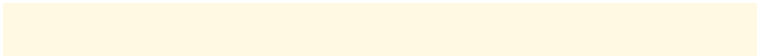
69.1680, 60.6425, 93.6231

Sweetspot

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



57.2165, 60.6453, 33.8901



88.5597, 93.7263, 86.0603



47.2234, 37.7167, 39.6303



18.7950, 19.9022, 17.8682



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.



57.2165, 60.6453, 33.8901



72.9047, 76.9861, 35.9250



57.0206, 68.8098, 35.4764



14.5522, 15.3904, 14.5104



25.8597, 25.1573, 3.4929



1.8640, 1.8869, 0.2660

Inverse Universe

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



37.6720, 37.2922, 76.4468



43.3378, 41.6779, 100.3682



37.7335, 32.0223, 75.4264



13.2424, 13.8240, 17.3580



8.8113, 5.0922, 41.5668



0.6828, 0.4970, 2.9052

Previews

White Background



This preview shows how the XYZ color 57.2150, 60.6425, 33.8889 looks on a white background.

Color Contrast Check

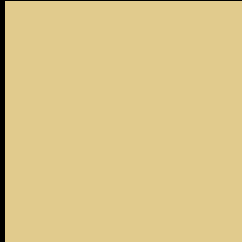
Large Text (above 18pt) WCAG AA × Fail

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 57.2150, 60.6425, 33.8889 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 57.2150, 60.6425, 33.8889

Background



This preview shows how black text looks on a background with the XYZ color 57.2150, 60.6425, 33.8889.



This preview shows how white text looks on a background with the XYZ color 57.2150, 60.6425,

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

57.2150, 60.6425, 33.8889

Protanopia

56.2941, 60.5109, 34.3039

Deuteranopia

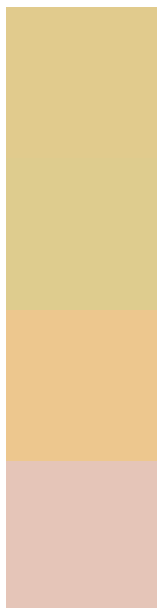
62.0061, 60.6961, 34.4341



Tritanopia

64.0791, 60.3428, 68.5916

Trichromacy



Original Color

57.2150, 60.6425, 33.8889

Protanomaly

56.5996, 60.6683, 34.3182

Deuteranomaly

60.2310, 60.8044, 34.1531

Tritanomaly

60.9311, 60.0512, 53.7270

Monochromacy



Original Color

57.2150, 60.6425, 33.8889

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.4581, 59.8560, 51.7577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2150, 60.6425, 33.8889 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, 203, 141)` looks like.

```
.text, #text, p{  
    color:rgb(225, 203, 141)  
}
```

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, 203, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 203, 141) }
```

Border

The CSS property to change the border of an element to XYZ 57.2150, 60.6425, 33.8889 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, 203, 141) }
```


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

```
.border{ border-color:rgb(225, 203, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 203, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 203, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 203, 141);  
box-shadow:4px 4px 4px 4px rgb(225, 203,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2150, 60.6425, 33.8889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 203, 141) }
```

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

```
.background{ background-color: rgb(225,  
203, 141) }
```

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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