

Converting Colors

XYZ(63.3471, 63.8855, 57.0455)

Have a look what the booklet for
XYZ(63.3471, 63.8855, 57.0455)
contains.

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Color

**XYZ(63.3297, 63.9948,
57.1585)**

Conversions

Conversions Part 1

Format	Color
Hex	E5CDBD
RGB	229, 205, 189
RGB Percent	90%, 80%, 74%
CMY	0.1020, 0.1961, 0.2588
CMYK	0.00, 0.10, 0.17, 0.10
HSL	24°, 43%, 82%
HSV	24°, 17%, 90%
XYZ	63.3297, 63.9948, 57.1585
YIQ	210.3520, 19.4400, 0.1120

Conversions

Conversions Part 2

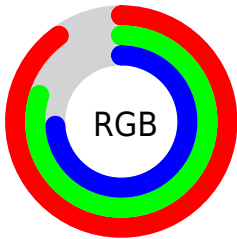
Format	Color
R _Y B	229, 216, 189
Decimal	15060413
CIE Lab	83.96, 5.83, 11.01
CIE LCh	84, 12.462, 62.084
Yxy	63.9948, 0.3433, 0.3469
Android (android.graphics.Color)	4293250493 (0xFFE5CDBD)
YUV	210.3520, -10.5265, 16.3543
Hunter-Lab	79.9967, 1.3158, 13.6344

Details

The XYZ color **63.3297, 63.9948, 57.1585** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9229, 64.0629, 83.3889**, and the grayscale version is **61.5494, 64.7547, 70.5179**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **32.7441, 32.7950, 27.8968** is the 20% darker color. If you saturate the color by 10%, you get **57.8949, 56.7937, 44.0361**, and if you desaturate by 10%, it is **69.4491, 71.9357, 72.4469**.

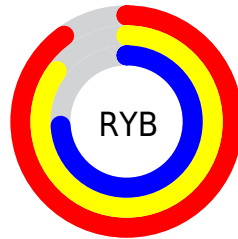
Distribution



Red (90%)

Green (80%)

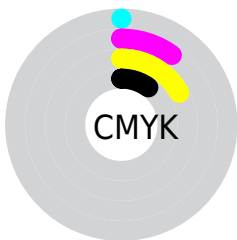
Blue (74%)



Red (90%)

Yellow (85%)

Blue (74%)

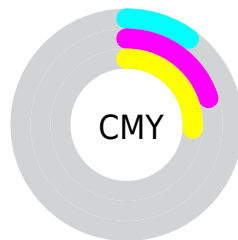


Cyan (0%)

Magenta (10%)

Yellow (17%)

Black (10%)



Cyan (10%)


Magenta (20%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3297, 63.9948, 57.1585 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 63.3297, 63.9948, 57.1585 by changing the saturation by 10% instead.


 63.3297, 63.9948,
57.1585

 63.3297, 63.9948,
57.1585

426.4057,
439.1709, 431.5533

 46.3676, 46.6465,
40.7223


 108.7242,
110.6034, 102.1991

 32.7419, 32.7563,
27.7841


137.8873,
140.6325, 131.6405

 22.0871, 21.9398,
17.9253


171.8481,
175.6574, 166.2541

 14.0378, 13.8127,
10.7275

210.9721,
216.0623, 206.4584

 8.2289, 7.9905,
5.7721

255.6244,
262.2317, 252.6719

 4.2948, 4.0889,
2.6404

306.1706,

 1.8702, 1.7234,

314.5500, 305.3132

0.9132

362.9759,
373.4016, 364.8008

■ 0.5594, 0.4387,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3297, 63.9948,
57.1585

■ 63.3297, 63.9948,
57.1585

■ 57.8949, 56.7937,
44.0361

■ 69.4491, 71.9357,
72.4469

■ 53.1137, 50.3018,
32.9765

■ 76.2721, 80.6289,
89.9901

■ 48.9603, 44.4986,
23.8739

■ 83.3854, 89.9223,
107.5696

■ 45.4050, 39.3593,
16.6116

■ 86.1233, 95.3981,
108.4822

■ 42.4154, 34.8575,
11.0601

■ 39.9553, 30.9647,
7.0728

■ 37.9834, 27.6493,
4.4780

■ 36.4469, 24.8744,
3.0469

■ 36.1081, 24.2478,
2.7772

Harmonies

Analogous

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



65.4073, 63.9948, 61.9554



63.3297, 63.9948, 57.1585



60.6335, 63.9948, 55.6396

Triad

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



63.3297, 63.9948, 57.1585



55.7019, 63.9948, 70.2304



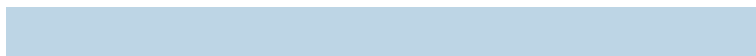
63.6717, 63.9948, 83.2867

Complementary

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



63.3297, 63.9948, 57.1585



58.9229, 64.0629, 83.3889

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.



61.0172, 63.9948, 85.9023



63.3297, 63.9948, 57.1585



56.4621, 63.9948, 78.0202

Square

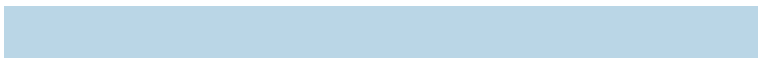
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.3297, 63.9948, 57.1585



56.2797, 63.9948, 62.8397



58.3875, 63.9948, 83.9072



65.6089, 63.9948, 76.9983

Rectangle

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



63.3297, 63.9948, 57.1585



58.8624, 63.9948, 56.5908



58.3875, 63.9948, 83.9072



62.8310, 63.9948, 84.6450

Sweetspot

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



63.3314, 63.9977, 57.1598



90.6729, 94.4225, 97.6478



62.5216, 57.8581, 70.8239



19.2800, 20.0468, 20.5749



0.0000, 0.0000, 0.0000



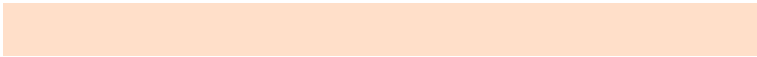
20.3446, 21.4041, 23.3091

Same Dimension

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



63.3314, 63.9977, 57.1598



78.1902, 78.2074, 66.5108



68.4241, 74.1831, 58.8574



14.8479, 15.3097, 15.0769



20.7551, 14.0844, 1.6246



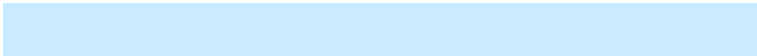
1.6226, 1.2186, 0.1497

Inverse Universe

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



58.9229, 64.0629, 83.3889



71.5602, 78.3033, 105.9502



54.1999, 54.6168, 81.8146



14.2983, 15.3180, 18.3474



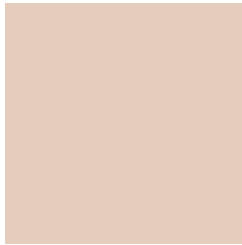
13.3522, 13.7665, 44.3366



1.0770, 1.1979, 3.3064

Previews

White Background



This preview shows how the XYZ color 63.3297, 63.9948, 57.1585 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 63.3297, 63.9948, 57.1585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

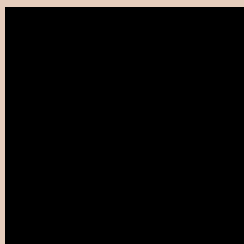
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3297, 63.9948, 57.1585

Background



This preview shows how black text looks on a background with the XYZ color 63.3297, 63.9948, 57.1585.



This preview shows how white text looks on a background with the XYZ color 63.3297, 63.9948,

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

63.3297, 63.9948, 57.1585

Protanopia

61.1179, 64.2679, 58.4739

Deuteranopia

65.3398, 63.9633, 57.6176



Tritanopia

67.0153, 64.1067, 74.4874

Trichromacy



Original Color

63.3297, 63.9948, 57.1585

Protanomaly

61.9743, 64.3591, 57.8713

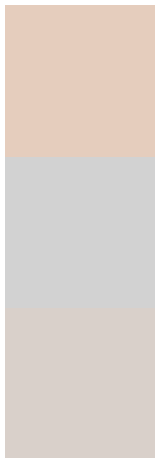
Deuteranomaly

64.5819, 63.9220, 57.6495

Tritanomaly

65.6617, 63.9019, 67.9050

Monochromacy



Original Color

63.3297, 63.9948, 57.1585

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.8318, 64.1277, 64.9961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3297, 63.9948, 57.1585 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(229, 205, 189)` looks like.

```
.text, #text, p{  
    color:rgb(229, 205, 189)  
}
```

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(229, 205, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 205, 189) }
```

Border

The CSS property to change the border of an element to XYZ 63.3297, 63.9948, 57.1585 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(229, 205, 189) }
```


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

```
.border{ border-color:rgb(229, 205, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 205, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 205, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 205, 189);  
box-shadow:4px 4px 4px 4px rgb(229, 205,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3297, 63.9948, 57.1585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 205, 189) }
```

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

```
.background{ background-color: rgb(229,  
205, 189) }
```

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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