

Converting Colors

XYZ(63.8112, 64.9578, 57.3190)

Have a look what the booklet for
XYZ(63.8112, 64.9578, 57.3190)
contains.

XYZ(63.8112, 64.9578, 57.3190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.8112, 64.9578,
57.3190)**

Conversions

Conversions Part 1

Format	Color
Hex	E5CFBD
RGB	229, 207, 189
RGB Percent	90%, 81%, 74%
CMY	0.1020, 0.1882, 0.2588
CMYK	0.00, 0.10, 0.17, 0.10
HSL	27°, 43%, 82%
HSV	27°, 17%, 90%
XYZ	63.8112, 64.9578, 57.3190
YIQ	211.5260, 18.8900, -0.9340

Conversions

Conversions Part 2

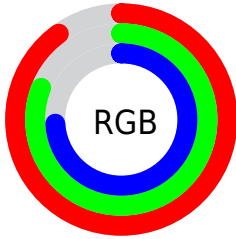
Format	Color
R _Y B	229, 222, 189
Decimal	15060925
CIE Lab	84.46, 4.79, 11.72
CIE LCh	84, 12.662, 67.780
Yxy	64.9578, 0.3429, 0.3491
Android (android.graphics.Color)	4293251005 (0xFFE5CFBD)
YUV	211.5260, -11.1053, 15.3247
Hunter-Lab	80.5964, 0.2815, 14.2513

Details

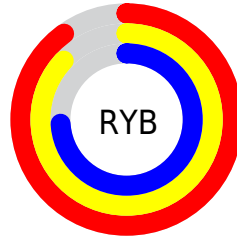
The XYZ color **63.8112, 64.9578, 57.3190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4230, 63.0629, 83.2223**, and the grayscale version is **62.3288, 65.5747, 71.4109**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **33.0687, 33.4443, 28.0050** is the 20% darker color. If you saturate the color by 10%, you get **58.5894, 58.1828, 44.2676**, and if you desaturate by 10%, it is **69.6724, 72.3823, 72.5214**.

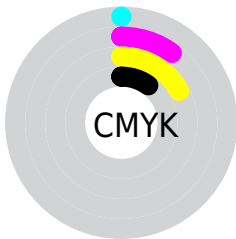
Distribution



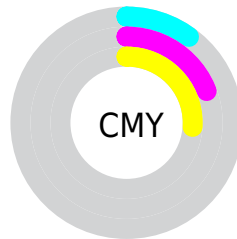
- Red (90%)
- Green (81%)
- Blue (74%)



- Red (90%)
- Yellow (87%)
- Blue (74%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (10%)





- Cyan (10%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.8112, 64.9578, 57.3190 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 63.8112, 64.9578, 57.3190 by changing the saturation by 10% instead.

 63.8112, 64.9578,
57.3190

 63.8112, 64.9578,
57.3190

428.1206,
442.6403, 432.1707

 46.7589, 47.4269,
40.8503


 109.4142,
111.9892, 102.4355

 33.0522, 33.3732,
27.8833


138.6957,
142.2584, 131.9203

 22.3259, 22.4125,
17.9995


172.7842,
177.5425, 166.5810

 14.2145, 14.1603,
10.7802

212.0452,
218.2260, 206.8361

 8.3527, 8.2323,
5.8069

256.8439,
264.6930, 253.1041

 4.3751, 4.2439,
2.6611

307.5459,

 1.9165, 1.8109,

317.3282, 305.8035

0.9238

364.5163,
376.5158, 365.3528

■ 0.5864, 0.4940,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.8112, 64.9578,
57.3190

■ 63.8112, 64.9578,
57.3190

■ 58.5894, 58.1828,
44.2676

■ 69.6724, 72.3823,
72.5214

■ 53.9778, 52.0300,
33.2645

■ 76.1903, 80.4653,
89.9628

■ 49.9523, 46.4825,
24.2046

■ 82.9500, 89.0516,
107.4245

■ 46.4852, 41.5197,
16.9717

■ 86.1233, 95.3981,
108.4822

■ 43.5461, 37.1191,
11.4370

■ 41.1012, 33.2566,
7.4548

■ 39.1114, 29.9054,
4.8540

■ 37.5266, 27.0339,
3.4068

■ 37.1711, 26.3738,
3.1315

Harmonies

Analogous

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



66.1206, 64.9578, 61.6449



63.8112, 64.9578, 57.3190



61.0102, 64.9578, 56.4464

Triad

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



63.8112, 64.9578, 57.3190



56.5284, 64.9578, 72.8486



65.1182, 64.9578, 83.7089

Complementary

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



63.8112, 64.9578, 57.3190



58.4230, 63.0629, 83.2223

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.



62.4765, 64.9578, 87.2357



63.8112, 64.9578, 57.3190



57.5581, 64.9578, 80.6622

Square

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



63.8112, 64.9578, 57.3190



56.8613, 64.9578, 65.0232



59.7150, 64.9578, 86.0804



66.8910, 64.9578, 76.7570

Rectangle

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



63.8112, 64.9578, 57.3190



59.2504, 64.9578, 57.8736



59.7150, 64.9578, 86.0804



64.2992, 64.9578, 85.3574

Sweetspot

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



63.8130, 64.9607, 57.3204



90.8686, 94.8139, 97.7130



62.2692, 57.7572, 69.4950



19.3275, 20.1418, 20.5907



0.0000, 0.0000, 0.0000



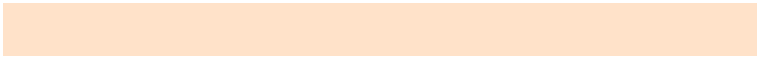
20.3446, 21.4041, 23.3091

Same Dimension

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



63.8130, 64.9607, 57.3204



78.9108, 79.6485, 66.7510



68.9680, 75.2708, 59.0387



14.9085, 15.4309, 15.0972



21.3691, 15.3123, 1.8293



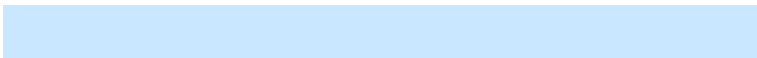
1.6708, 1.3148, 0.1657

Inverse Universe

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



58.4230, 63.0629, 83.2223



70.8055, 76.7938, 105.6986



53.7607, 53.7385, 81.6682



14.2365, 15.1944, 18.3268



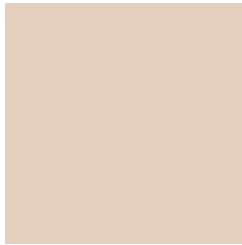
12.4683, 11.9988, 44.0420



1.0138, 1.0716, 3.2854

Previews

White Background



This preview shows how the XYZ color 63.8112, 64.9578, 57.3190 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 63.8112, 64.9578, 57.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

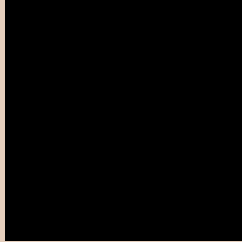
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.8112, 64.9578, 57.3190

Background



This preview shows how black text looks on a background with the XYZ color 63.8112, 64.9578, 57.3190.



This preview shows how white text looks on a background with the XYZ color 63.8112, 64.9578,

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

63.8112, 64.9578, 57.3190

Protanopia

61.6640, 64.9148, 58.5700

Deuteranopia

66.2468, 64.7803, 57.7275



Tritanopia

67.7464, 65.1500, 76.0224

Trichromacy



Original Color

63.8112, 64.9578, 57.3190

Protanomaly

62.5262, 65.0066, 57.9672

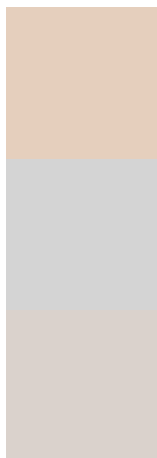
Deuteranomaly

65.1481, 64.5656, 57.7439

Tritanomaly

66.2567, 64.8956, 68.7085

Monochromacy



Original Color

63.8112, 64.9578, 57.3190

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.8591, 65.3582, 66.4291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8112, 64.9578, 57.3190 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, 207, 189)` looks like.

```
.text, #text, p{  
    color:rgb(229, 207, 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, 207, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 207, 189) }
```

Border

The CSS property to change the border of an element to XYZ 63.8112, 64.9578, 57.3190 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, 207, 189) }
```


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

```
.border{ border-color:rgb(229, 207, 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, 207, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 207, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 207, 189);  
box-shadow:4px 4px 4px 4px rgb(229, 207,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8112, 64.9578, 57.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 207, 189) }
```

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

```
.background{ background-color: rgb(229,  
207, 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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