

Converting Colors

XYZ(64.2200, 65.0742, 57.5268)

Have a look what the booklet for
XYZ(64.2200, 65.0742, 57.5268)
contains.

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Color

**XYZ(64.1313, 65.1228,
57.3340)**

Conversions

Conversions Part 1

Format	Color
Hex	E6CFBD
RGB	230, 207, 189
RGB Percent	90%, 81%, 74%
CMY	0.0980, 0.1882, 0.2588
CMYK	0.00, 0.10, 0.18, 0.10
HSL	26°, 45%, 82%
HSV	26°, 18%, 90%
XYZ	64.1313, 65.1228, 57.3340
YIQ	211.8250, 19.4860, -0.7220

Conversions

Conversions Part 2

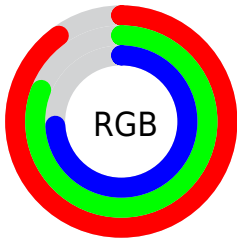
Format	Color
R _Y B	230, 221, 189
Decimal	15126461
CIE Lab	84.55, 5.15, 11.85
CIE LCh	85, 12.925, 66.507
Yxy	65.1228, 0.3437, 0.3490
Android (android.graphics.Color)	4293316541 (0xFFE6CFBD)
YUV	211.8250, -11.2527, 15.9395
Hunter-Lab	80.6987, 0.6313, 14.3653

Details

The XYZ color **64.1313, 65.1228, 57.3340** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8124, 63.6175, 84.0431**, and the grayscale version is **62.5279, 65.7842, 71.6390**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **33.2907, 33.5587, 28.0154** is the 20% darker color. If you saturate the color by 10%, you get **58.8318, 58.2070, 44.2114**, and if you desaturate by 10%, it is **70.0857, 72.7136, 72.6297**.

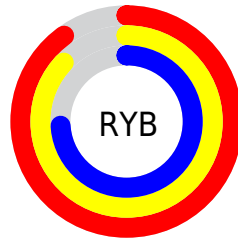
Distribution



Red (90%)

Green (81%)

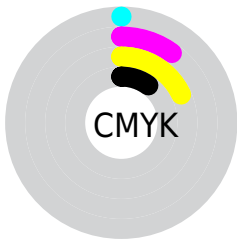
Blue (74%)



Red (90%)

Yellow (87%)

Blue (74%)

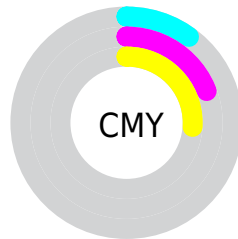


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (10%)



Cyan (10%)


Magenta (19%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1313, 65.1228, 57.3340 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 64.1313, 65.1228, 57.3340 by changing the saturation by 10% instead.


 64.1313, 65.1228,
57.3340

 64.1313, 65.1228,
57.3340


429.2583,
443.2331, 432.2284

 47.0191, 47.5607,
40.8623


 109.8727,
112.2264, 102.4575

 33.2588, 33.4791,
27.8926


139.2326,
142.5366, 131.9465

 22.4849, 22.4937,
18.0064


173.4058,
177.8650, 166.6116

 14.3323, 14.2201,
10.7851

212.7576,
218.5960, 206.8714

 8.4354, 8.2739,
5.8102

257.6534,
265.1139, 253.1444

 4.4289, 4.2707,
2.6631

308.4586,

 1.9475, 1.8261,

317.8031, 305.8493

0.9248

365.5384,
377.0480, 365.4044

■ 0.6042, 0.5034,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.1313, 65.1228,
57.3340

■ 64.1313, 65.1228,
57.3340

■ 58.8318, 58.2070,
44.2114

■ 70.0857, 72.7136,
72.6297

■ 54.1571, 51.9378,
33.1578

■ 76.7129, 80.9892,
90.1879

■ 50.0828, 46.2975,
24.0664

■ 83.5497, 89.7757,
107.5327

■ 46.5801, 41.2642,
16.8193

■ 86.4434, 95.5631,
108.4972

■ 43.6179, 36.8144,
11.2858

■ 41.1612, 32.9227,
7.3174

■ 39.1700, 29.5611,
4.7400

■ 37.5916, 26.6957,
3.3151

■ 37.2871, 26.1307,
3.0785

Harmonies

Analogous

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



66.4562, 65.1228, 61.8845



64.1313, 65.1228, 57.3340



61.2718, 65.1228, 56.2880

Triad

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



64.1313, 65.1228, 57.3340



56.5564, 65.1228, 72.7201



65.2507, 65.1228, 84.4353

Complementary

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



64.1313, 65.1228, 57.3340



58.8124, 63.6175, 84.0431

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.



62.5269, 65.1228, 87.8620



64.1313, 65.1228, 57.3340



57.5518, 65.1228, 80.7679

Square

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



64.1313, 65.1228, 57.3340



56.9560, 65.1228, 64.7711



59.7157, 65.1228, 86.4705



67.1163, 65.1228, 77.4201

Rectangle

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



64.1313, 65.1228, 57.3340



59.4584, 65.1228, 57.6404



59.7157, 65.1228, 86.4705



64.4019, 65.1228, 86.0688

Sweetspot

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



64.1331, 65.1257, 57.3354



90.8256, 94.7278, 97.6987



62.7446, 57.9843, 70.3276



19.3171, 20.1209, 20.5872



0.0000, 0.0000, 0.0000



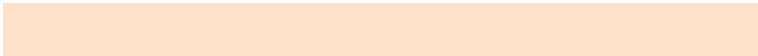
20.3446, 21.4041, 23.3091

Same Dimension

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



64.1331, 65.1257, 57.3354



78.7516, 79.3301, 66.6979



69.3612, 75.5819, 59.0781



14.8952, 15.4042, 15.0927



21.2269, 15.0279, 1.7819



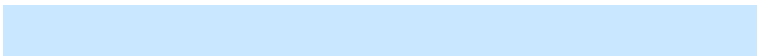
1.6598, 1.2929, 0.1621

Inverse Universe

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



58.8124, 63.6175, 84.0431



70.9702, 77.1234, 105.7535



54.0612, 54.1152, 82.4594



14.2501, 15.2215, 18.3313



12.6544, 12.3709, 44.1040



1.0273, 1.0985, 3.2899

Previews

White Background



This preview shows how the XYZ color 64.1313, 65.1228, 57.3340 looks on a white background.

Color Contrast Check

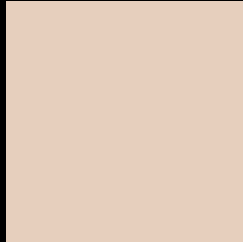
Large Text (above 18pt) WCAG AA × Fail

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 64.1313, 65.1228, 57.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

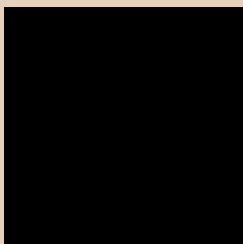
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

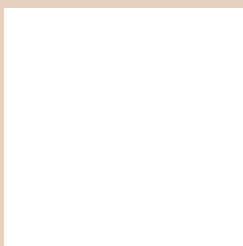
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.1313, 65.1228, 57.3340

Background



This preview shows how black text looks on a background with the XYZ color 64.1313, 65.1228, 57.3340.



This preview shows how white text looks on a background with the XYZ color 64.1313, 65.1228,

57.3340.

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

64.1313, 65.1228, 57.3340

Protanopia

61.9658, 65.0704, 58.5841

Deuteranopia

66.4837, 65.2542, 57.8064



Tritanopia

68.0738, 65.3188, 76.0377

Trichromacy



Original Color

64.1313, 65.1228, 57.3340

Protanomaly

62.8352, 65.1659, 57.9817

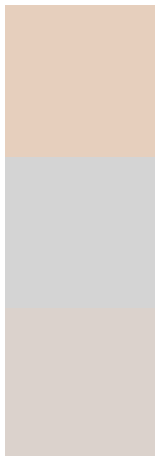
Deuteranomaly

65.7177, 65.2132, 57.8389

Tritanomaly

66.5823, 65.0634, 68.7237

Monochromacy



Original Color

64.1313, 65.1228, 57.3340

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.1591, 65.5129, 66.4432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1313, 65.1228, 57.3340 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(230, 207, 189)` looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 207, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 207, 189) }
```

Border

The CSS property to change the border of an element to XYZ 64.1313, 65.1228, 57.3340 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(230, 207, 189) }
```


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

```
.border{ border-color:rgb(230, 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(230, 207, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 207, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 207, 189);  
box-shadow:4px 4px 4px 4px rgb(230, 207,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1313, 65.1228, 57.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 207, 189) }
```

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

```
.background{ background-color: rgb(230,  
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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