

Converting Colors

XYZ(65.1020, 65.0384, 67.0070)

Have a look what the booklet for
XYZ(65.1020, 65.0384, 67.0070)
contains.

XYZ(65.0857, 65.0444, 66.8820)	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(65.0857, 65.0444,
66.8820)**

Conversions

Conversions Part 1

Format	Color
Hex	E4CECD
RGB	228, 206, 205
RGB Percent	89%, 81%, 80%
CMY	0.1059, 0.1921, 0.1961
CMYK	0.00, 0.10, 0.10, 0.11
HSL	3°, 30%, 85%
HSV	3°, 10%, 89%
XYZ	65.0857, 65.0444, 66.8820
YIQ	212.4640, 13.4330, 4.3530

Conversions

Conversions Part 2

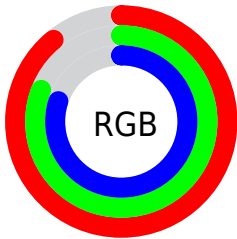
Format	Color
R _Y B	228, 206, 205
Decimal	14995149
CIE Lab	84.51, 7.49, 3.28
CIE LCh	85, 8.176, 23.615
Yxy	65.0444, 0.3304, 0.3302
Android (android.graphics.Color)	4293185229 (0xFFE4CECD)
YUV	212.4640, -3.6798, 13.6251
Hunter-Lab	80.6501, 2.9142, 7.2867

Details

The XYZ color **65.0857, 65.0444, 66.8820** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6492, 73.5174, 84.0771**, and the grayscale version is **62.9071, 66.1832, 72.0735**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8274, 33.4615, 33.9540** is the 20% darker color. If you saturate the color by 10%, you get **57.6418, 54.2443, 51.7973**, and if you desaturate by 10%, it is **73.6625, 77.4670, 84.3246**.

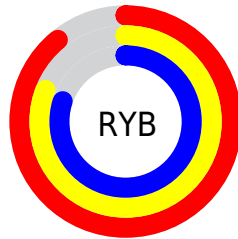
Distribution



Red (89%)

Green (81%)

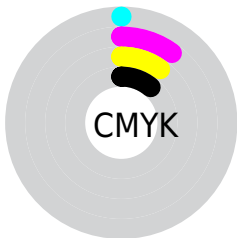
Blue (80%)



Red (89%)

Yellow (81%)

Blue (80%)

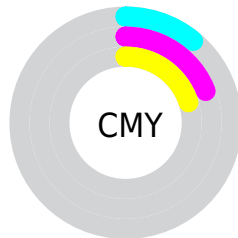


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (11%)



Cyan (11%)

Magenta (19%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0857, 65.0444, 66.8820 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 65.0857, 65.0444, 66.8820 by changing the saturation by 10% instead.

65.0857, 65.0444,
66.8820

65.0857, 65.0444,
66.8820

432.6402,
442.9515, 468.0147

47.7955, 47.4971,
48.5277

111.2381,
112.1137, 116.3904

33.8756, 33.4288,
33.8820

140.8310,
142.4045, 148.3815

22.9605, 22.4551,
22.5264

175.2556,
177.7118, 185.7554

14.6848, 14.1917,
14.0422

214.8771,
218.4202, 228.9306

8.6834, 8.2541,
8.0109

260.0610,
264.9139, 278.3256

4.5907, 4.2580,
4.0141

311.1726,

2.0414, 1.8189,

317.5775, 334.3589

1.6331

368.5772,
376.7952, 397.4491

■ 0.6571, 0.4989,
0.3142

■ 0.0000, 0.0000,
0.0000

■ 65.0857, 65.0444,
66.8820

■ 65.0857, 65.0444,
66.8820

■ 57.6418, 54.2443,
51.7973

■ 73.6625, 77.4670,
84.3246

■ 51.2784, 44.9917,
38.9653

■ 83.4112, 91.5663,
104.2157

■ 45.9468, 37.2183,
28.2793

■ 85.8053, 95.2342,
108.4674

■ 41.5927, 30.8474,
19.6222

■ 38.1566, 25.7955,
12.8657

■ 35.5729, 21.9702,
7.8668

■ 33.7668, 19.2670,
4.4625

■ 32.6509, 17.5643,
2.4591

■ 32.1033, 16.7102,
1.5334

Harmonies

Analogous

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



65.3670, 65.0444, 71.9430



65.0857, 65.0444, 66.8820



63.9225, 65.0444, 63.0547

Triad

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



65.0857, 65.0444, 66.8820



59.0474, 65.0444, 65.0405



61.4343, 65.0444, 81.2591

Complementary

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



65.0857, 65.0444, 66.8820



66.6492, 73.5174, 84.0771

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.



59.7695, 65.0444, 79.2030



65.0857, 65.0444, 66.8820



58.4090, 65.0444, 69.7133

Square

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



65.0857, 65.0444, 66.8820



60.4312, 65.0444, 62.0286



58.6707, 65.0444, 74.9144



63.2355, 65.0444, 80.4102

Rectangle

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



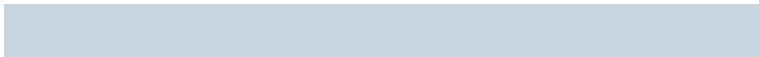
65.0857, 65.0444, 66.8820



62.8154, 65.0444, 61.6336



58.6707, 65.0444, 74.9144



60.8406, 65.0444, 80.8816

Sweetspot

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



65.0875, 65.0473, 66.8834



91.5529, 94.9377, 101.7786



67.7245, 65.7165, 81.9579



19.4010, 20.0381, 21.3878



0.0000, 0.0000, 0.0000



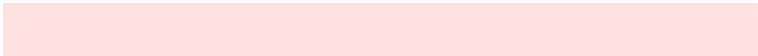
20.3446, 21.4041, 23.3091

Same Dimension

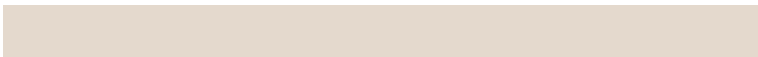
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.0875, 65.0473, 66.8834



81.8735, 80.9127, 82.1083



67.8969, 70.6660, 67.8198



14.4272, 14.4683, 14.9367



18.5596, 9.6934, 0.8928



1.3894, 0.7521, 0.0719

Inverse Universe

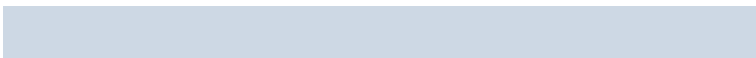
The Inverse Universe completely reimagines the original color for something new.



66.6492, 73.5174, 84.0771



84.2499, 93.8019, 108.2729



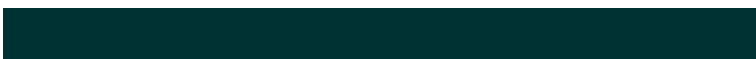
63.6689, 67.5567, 83.0837



14.7507, 16.2228, 18.4982



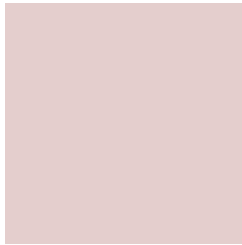
22.5939, 32.2498, 47.4172



1.6864, 2.4167, 3.5096

Previews

White Background



This preview shows how the XYZ color 65.0857, 65.0444, 66.8820 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 65.0857, 65.0444, 66.8820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

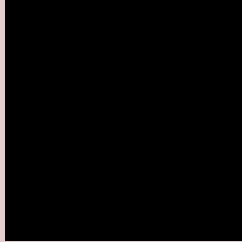
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0857, 65.0444, 66.8820

Background



This preview shows how black text looks on a background with the XYZ color 65.0857, 65.0444, 66.8820.



This preview shows how white text looks on a background with the XYZ color 65.0857, 65.0444,

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

65.0857, 65.0444, 66.8820

Protanopia

62.6280, 65.1971, 68.3149

Deuteranopia

66.2166, 64.9171, 66.7979



Tritanopia

67.1443, 65.1760, 76.7515

Trichromacy



Original Color

65.0857, 65.0444, 66.8820

Protanomaly

63.4562, 65.2728, 67.6469

Deuteranomaly

65.8058, 65.0593, 66.8470

Tritanomaly

66.4102, 65.2270, 73.3798

Monochromacy



Original Color

65.0857, 65.0444, 66.8820

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.4687, 65.6021, 69.6389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0857, 65.0444, 66.8820 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(228, 206, 205)` looks like.

```
.text, #text, p{  
    color:rgb(228, 206, 205)  
}
```

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(228, 206, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 206, 205) }
```

Border

The CSS property to change the border of an element to XYZ 65.0857, 65.0444, 66.8820 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(228, 206, 205) }
```


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

```
.border{ border-color:rgb(228, 206, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 206, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 206, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 206, 205);  
box-shadow:4px 4px 4px 4px rgb(228, 206,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0857, 65.0444, 66.8820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 206, 205) }
```

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

```
.background{ background-color: rgb(228,  
206, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor