

Converting Colors

XYZ(65.7419, 68.5172, 57.3371)

Have a look what the booklet for
XYZ(65.7419, 68.5172, 57.3371)
contains.

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Color

**XYZ(65.7568, 68.5470,
57.3421)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D6BC
RGB	230, 214, 188
RGB Percent	90%, 84%, 74%
CMY	0.0980, 0.1608, 0.2627
CMYK	0.00, 0.07, 0.18, 0.10
HSL	37°, 46%, 82%
HSV	37°, 18%, 90%
XYZ	65.7568, 68.5470, 57.3421
YIQ	215.8200, 17.8820, -4.6940

Conversions

Conversions Part 2

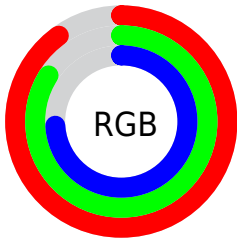
Format	Color
R_{YB}	214, 230, 188
Decimal	15128252
CIE Lab	86.28, 1.36, 14.83
CIE LCh	86, 14.895, 84.760
Yxy	68.5470, 0.3431, 0.3577
Android (android.graphics.Color)	4293318332 (0xFFE6D6BC)
YUV	215.8200, -13.7153, 12.4359
Hunter-Lab	82.7931, -3.1178, 16.8912

Details

The XYZ color **65.7568, 68.5470, 57.3421** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.6145, 59.5889, 83.3813**, and the grayscale version is **65.2312, 68.6283, 74.7362**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **34.2269, 35.5442, 27.9784** is the 20% darker color. If you saturate the color by 10%, you get **61.3153, 63.3204, 44.5885**, and if you desaturate by 10%, it is **70.7164, 74.1762, 72.2195**.

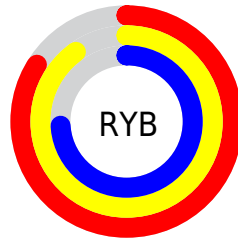
Distribution



Red (90%)

Green (84%)

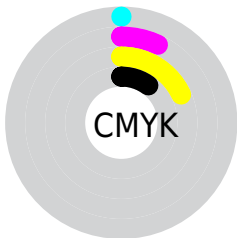
Blue (74%)



Red (84%)

Yellow (90%)

Blue (74%)

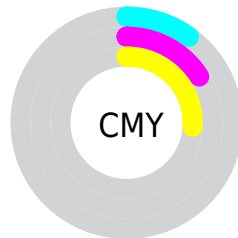


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (10%)



Cyan (10%)

Magenta (16%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7568, 68.5470, 57.3421 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 65.7568, 68.5470, 57.3421 by changing the saturation by 10% instead.

65.7568, 68.5470,
57.3421

65.7568, 68.5470,
57.3421

435.0090,
455.4316, 432.2596

48.3420, 50.3429,
40.8688

112.1969,
117.1343, 102.4695

34.3102, 35.6859,
27.8976

141.9528,
148.2863, 131.9606

23.2960, 24.1917,
18.0101

176.5532,
184.5230, 166.6281

14.9341, 15.4759,
10.7877

216.3634,
226.2289, 206.8904

8.8592, 9.1541,
5.8119

261.7487,
273.7883, 253.1662

4.7058, 4.8418,
2.6641

313.0745,

2.1087, 2.1547,

327.5856, 305.8740

0.9253

370.7061,
388.0053, 365.4322

■ 0.6939, 0.6952,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.7568, 68.5470,
57.3421

■ 65.7568, 68.5470,
57.3421

■ 61.3153, 63.3204,
44.5885

■ 70.7164, 74.1762,
72.2195

■ 57.3659, 58.4761,
33.8553

■ 76.2078, 80.2096,
89.3087

■ 53.8883, 54.0053,
25.0371

■ 81.9270, 86.5305,
106.9918

■ 50.8585, 49.8952,
18.0169

■ 84.5723, 91.8211,
107.8735

■ 48.2499, 46.1321,
12.6649

■ 86.4433, 95.5631,
108.4972

■ 46.0327, 42.7006,
8.8336

■ 44.1718, 39.5835,
6.3493

■ 42.6181, 36.7575,
4.9636

■ 42.3670, 36.2905,
4.7718

Harmonies

Analogous

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



69.0370, 68.5470, 60.2303



65.7568, 68.5470, 57.3421



62.4250, 68.5470, 58.7456

Triad

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



65.7568, 68.5470, 57.3421



59.3373, 68.5470, 82.8406



70.6957, 68.5470, 86.0891

Complementary

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



65.7568, 68.5470, 57.3421



56.6145, 59.5889, 83.3813

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.



67.9570, 68.5470, 93.1610



65.7568, 68.5470, 57.3421



61.4153, 68.5470, 91.1730

Square

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



65.7568, 68.5470, 57.3421



58.7945, 68.5470, 72.9222



64.5507, 68.5470, 95.0983



71.9518, 68.5470, 76.3765

Rectangle

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



65.7568, 68.5470, 57.3421



60.6116, 68.5470, 61.9962



64.5507, 68.5470, 95.0983



69.9134, 68.5470, 88.8867

Sweetspot

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



65.7586, 68.5501, 57.3435



91.5351, 96.1468, 97.9352



61.5281, 57.1548, 64.9795



19.4895, 20.4657, 20.6447



0.0000, 0.0000, 0.0000



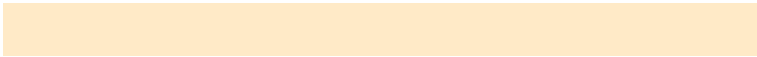
20.3446, 21.4041, 23.3091

Same Dimension

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



65.7586, 68.5501, 57.3435



80.8562, 84.0168, 65.9273



68.4570, 76.2486, 58.6873



15.1164, 15.8467, 15.1665



24.1073, 20.7887, 2.7420



1.8704, 1.7142, 0.2323

Inverse Universe

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



56.6145, 59.5889, 83.3813



67.2395, 70.6741, 104.7053



54.2338, 53.0049, 82.2359



14.0305, 14.7823, 18.2581



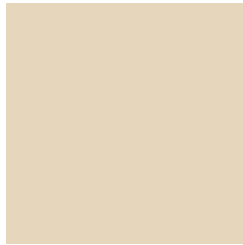
10.1521, 7.3663, 43.2699



0.8376, 0.7192, 3.2266

Previews

White Background



This preview shows how the XYZ color 65.7568, 68.5470, 57.3421 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 65.7568, 68.5470, 57.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

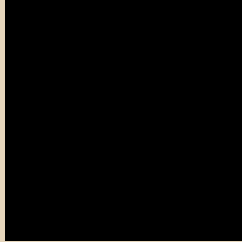
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7568, 68.5470, 57.3421

Background



This preview shows how black text looks on a background with the XYZ color 65.7568, 68.5470, 57.3421.



This preview shows how white text looks on a background with the XYZ color 65.7568, 68.5470,

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

65.7568, 68.5470, 57.3421

Protanopia

64.8498, 68.4438, 57.9371

Deuteranopia

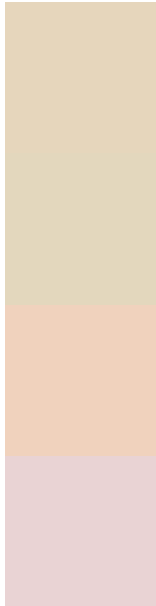
69.7472, 68.3787, 57.6664



Tritanopia

70.6520, 68.6993, 80.7707

Trichromacy



Original Color

65.7568, 68.5470, 57.3421

Protanomaly

65.1643, 68.6059, 57.9518

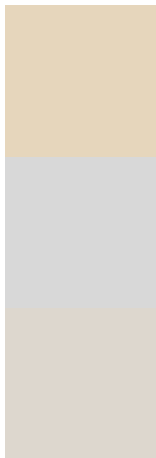
Deuteranomaly

68.1671, 68.2926, 57.7331

Tritanomaly

68.7822, 68.6656, 71.9159

Monochromacy



Original Color

65.7568, 68.5470, 57.3421

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.2598, 68.4293, 68.1611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7568, 68.5470, 57.3421 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, 214, 188) looks like.

```
.text, #text, p{  
    color:rgb(230, 214, 188)  
}
```

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, 214, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 214, 188) }
```

Border

The CSS property to change the border of an element to XYZ 65.7568, 68.5470, 57.3421 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, 214, 188) }
```


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

```
.border{ border-color:rgb(230, 214, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 214, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 214, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 214, 188);  
box-shadow:4px 4px 4px 4px rgb(230, 214,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7568, 68.5470, 57.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 214, 188) }
```

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

```
.background{ background-color: rgb(230,  
214, 188) }
```

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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