

Converting Colors

XYZ(67.5018, 69.4228, 57.6478)

Have a look what the booklet for
XYZ(67.5018, 69.4228, 57.6478)
contains.

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Color

**XYZ(67.3846, 69.3861,
57.4183)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD6BC
RGB	235, 214, 188
RGB Percent	92%, 84%, 74%
CMY	0.0784, 0.1608, 0.2627
CMYK	0.00, 0.09, 0.20, 0.08
HSL	33°, 54%, 83%
HSV	33°, 20%, 92%
XYZ	67.3846, 69.3861, 57.4183
YIQ	217.3150, 20.8620, -3.6340

Conversions

Conversions Part 2

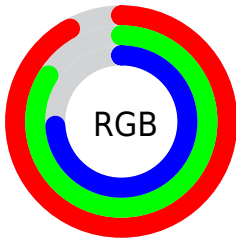
Format	Color
R _{YB}	226, 235, 188
Decimal	15455932
CIE Lab	86.69, 3.19, 15.48
CIE LCh	87, 15.803, 78.362
Yxy	69.3861, 0.3470, 0.3573
Android (android.graphics.Color)	4293646012 (0xFFEBD6BC)
YUV	217.3150, -14.4523, 15.5097
Hunter-Lab	83.2983, -1.3736, 17.4397

Details

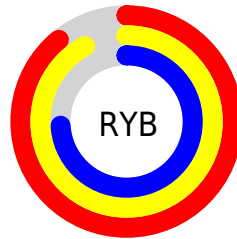
The XYZ color **67.3846, 69.3861, 57.4183** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.5346, 62.2891, 87.5356**, and the grayscale version is **66.2570, 69.7075, 75.9114**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **35.3617, 36.1292, 28.0315** is the 20% darker color. If you saturate the color by 10%, you get **62.4835, 63.3130, 44.2874**, and if you desaturate by 10%, it is **72.8732, 75.9730, 72.7818**.

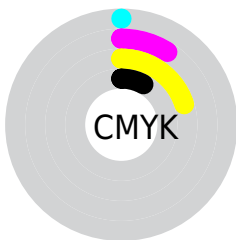
Distribution



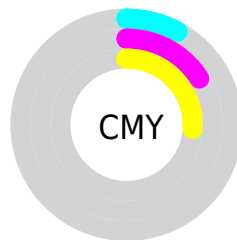
- Red (92%)
- Green (84%)
- Blue (74%)



- Red (89%)
- Yellow (92%)
- Blue (74%)



- Cyan (0%)
- Magenta (9%)
- Yellow (20%)
- Black (8%)





- Cyan (8%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3846, 69.3861, 57.4183 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 67.3846, 69.3861, 57.4183 by changing the saturation by 10% instead.


 67.3846, 69.3861,
57.4183

 67.3846, 69.3861,
57.4183


440.7235,
458.3915, 432.5525

 49.6691, 51.0262,
40.9296


 114.5181,
118.3329, 102.5817

 35.3673, 36.2295,
27.9448

144.6668,
149.6886, 132.0934

 24.1138, 24.6115,
18.0454


179.6906,
186.1449, 166.7832

 15.5432, 15.7878,
10.8128

219.9548,
228.0865, 207.0697

 9.2903, 9.3741,
5.8285

265.8249,
275.8975, 253.3713

 4.9896, 4.9860,
2.6740

317.6661,

 2.2759, 2.2391,

329.9624, 306.1066

0.9303

375.8439,
390.6656, 365.6941

■ 0.7823, 0.7412,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.3846, 69.3861,
57.4183

■ 67.3846, 69.3861,
57.4183

■ 62.4835, 63.3130,
44.2874

■ 72.8732, 75.9730,
72.7818

■ 58.1412, 57.7299,
33.2786

■ 78.9655, 83.0779,
90.4724

■ 54.3347, 52.6247,
24.2785

■ 85.1147, 90.4894,
107.5879

■ 51.0369, 47.9811,
17.1614

■ 88.0711, 96.4023,
108.5734

■ 48.2180, 43.7817,
11.7870

■ 45.8440, 40.0070,
7.9954

■ 43.8754, 36.6352,
5.5960

■ 42.2470, 33.6339,
4.2654

■ 42.2469, 33.6338,
4.2653

Harmonies

Analogous

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



70.7547, 69.3861, 61.4176



67.3846, 69.3861, 57.4183



63.7493, 69.3861, 57.9312

Triad

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



67.3846, 69.3861, 57.4183



59.4703, 69.3861, 82.1028



71.3703, 69.3861, 89.8030

Complementary

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



67.3846, 69.3861, 57.4183



58.5346, 62.2891, 87.5356

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.



68.1996, 69.3861, 96.4207



67.3846, 69.3861, 57.4183



61.3668, 69.3861, 91.6985

Square

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



67.3846, 69.3861, 57.4183



59.2704, 69.3861, 71.5419



64.5347, 69.3861, 97.1450



73.1122, 69.3861, 79.7044

Rectangle

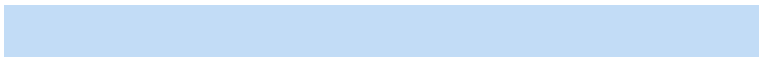
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.3846, 69.3861, 57.4183



61.6622, 69.3861, 60.7722



64.5347, 69.3861, 97.1450



70.4309, 69.3861, 92.5472

Sweetspot

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



67.3865, 69.3892, 57.4198



90.5419, 94.7700, 95.7250



63.7721, 58.2404, 68.3002



19.2781, 20.1658, 20.1956



0.0000, 0.0000, 0.0000



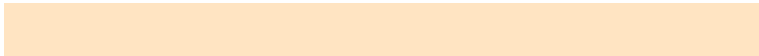
20.3446, 21.4041, 23.3091

Same Dimension

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



67.3865, 69.3892, 57.4198



78.6055, 80.4467, 62.3061



72.2761, 80.3128, 59.2705



15.7565, 16.4360, 15.8607



23.6416, 18.9774, 2.4170



1.9522, 1.6817, 0.2217

Inverse Universe

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



58.5346, 62.2891, 87.5356



66.1399, 70.4491, 104.7198



54.3022, 52.9579, 85.9576



14.7852, 15.6568, 19.1650



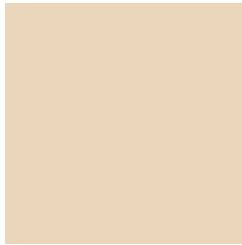
11.2789, 9.2048, 44.9252



0.9803, 0.9122, 3.5593

Previews

White Background



This preview shows how the XYZ color 67.3846, 69.3861, 57.4183 looks on a white background.

Color Contrast Check

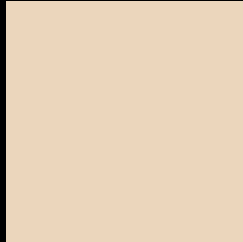
Large Text (above 18pt) WCAG AA × Fail

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 67.3846, 69.3861, 57.4183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

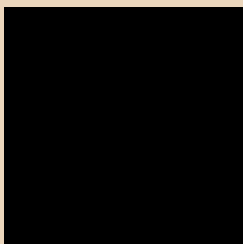
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3846, 69.3861, 57.4183

Background



This preview shows how black text looks on a background with the XYZ color 67.3846, 69.3861, 57.4183.



This preview shows how white text looks on a background with the XYZ color 67.3846, 69.3861,

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

67.3846, 69.3861, 57.4183

Protanopia

65.4197, 69.1168, 58.0370

Deuteranopia

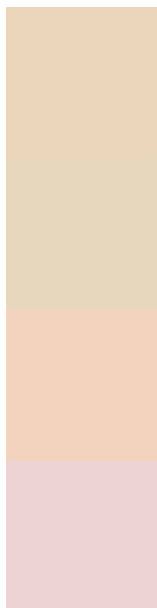
70.6972, 69.2315, 57.7810



Tritanopia

72.3263, 69.5624, 80.8491

Trichromacy



Original Color

67.3846, 69.3861, 57.4183

Protanomaly

66.1189, 69.0980, 57.9965

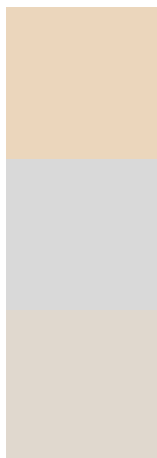
Deuteranomaly

69.4417, 69.3173, 57.8637

Tritanomaly

70.4378, 69.5191, 71.9934

Monochromacy



Original Color

67.3846, 69.3861, 57.4183

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.4369, 69.4153, 68.2894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3846, 69.3861, 57.4183 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(235, 214, 188)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 214, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 214, 188) }
```

Border

The CSS property to change the border of an element to XYZ 67.3846, 69.3861, 57.4183 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(235, 214, 188) }
```


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

```
.border{ border-color:rgb(235, 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(235, 214, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 214, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 214, 188);  
box-shadow:4px 4px 4px 4px rgb(235, 214,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3846, 69.3861, 57.4183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 214, 188) }
```

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

```
.background{ background-color: rgb(235,  
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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