

Converting Colors

XYZ(67.8802, 68.8940, 56.0929)

Have a look what the booklet for
XYZ(67.8802, 68.8940, 56.0929)
contains.

XYZ(68.0030, 68.9829, 56.1853)	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(68.0030, 68.9829,
56.1853)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD4BA
RGB	239, 212, 186
RGB Percent	94%, 83%, 73%
CMY	0.0627, 0.1686, 0.2706
CMYK	0.00, 0.11, 0.22, 0.06
HSL	29°, 62%, 83%
HSV	29°, 22%, 94%
XYZ	68.0030, 68.9829, 56.1853
YIQ	217.1090, 24.4380, -2.3620

Conversions

Conversions Part 2

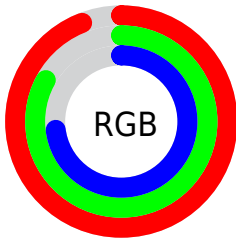
Format	Color
R _Y B	239, 237, 186
Decimal	15717562
CIE Lab	86.50, 5.41, 16.30
CIE LCh	86, 17.173, 71.649
Yxy	68.9829, 0.3520, 0.3571
Android (android.graphics.Color)	4293907642 (0xFFEFD4BA)
YUV	217.1090, -15.3367, 19.1984
Hunter-Lab	83.0559, 0.8010, 18.0309

Details

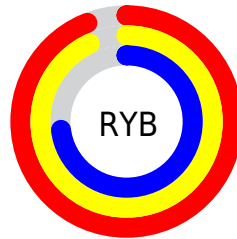
The XYZ color **68.0030, 68.9829, 56.1853** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.6234, 64.2579, 90.9222**, and the grayscale version is **66.1197, 69.5631, 75.7542**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **35.8190, 35.8747, 27.2269** is the 20% darker color. If you saturate the color by 10%, you get **62.7429, 62.1942, 42.9276**, and if you desaturate by 10%, it is **73.9212, 76.4068, 71.7605**.

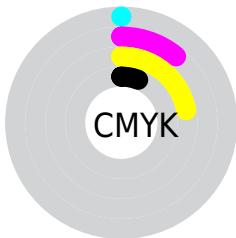
Distribution



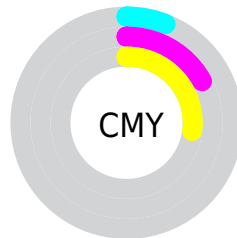
- Red (94%)
- Green (83%)
- Blue (73%)



- Red (94%)
- Yellow (93%)
- Blue (73%)



- Cyan (0%)
- Magenta (11%)
- Yellow (22%)
- Black (6%)





- Cyan (6%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.0030, 68.9829, 56.1853 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 68.0030, 68.9829, 56.1853 by changing the saturation by 10% instead.


 68.0030, 68.9829,
56.1853

 68.0030, 68.9829,
56.1853


442.8832,
456.9707, 427.7974

 50.1739, 50.6978,
39.9465

 115.3983,
117.7572, 100.7639

 35.7699, 35.9681,
27.1834


145.6952,
149.0151, 129.9409

 24.4258, 24.4096,
17.4773


180.8787,
185.3661, 164.2676

 15.7763, 15.6377,
10.4099

221.3142,
227.1945, 204.1627

 9.4558, 9.2682,
5.5624

267.3671,
274.8848, 250.0447

 5.0991, 4.9165,
2.5164

319.4026,

 2.3409, 2.1984,

328.8213, 302.3321

0.8488

377.7862,
389.3885, 361.4435

■ 0.8155, 0.7191,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.0030, 68.9829,
56.1853

■ 68.0030, 68.9829,
56.1853

■ 62.7429, 62.1942,
42.9276

■ 73.9212, 76.4068,
71.7605

■ 58.1094, 56.0128,
31.8702

■ 80.5166, 84.4740,
89.7542

■ 54.0760, 50.4222,
22.8921

■ 87.3760, 93.0294,
107.9590

■ 50.6122, 45.4015,
15.8585

■ 89.4067, 97.0908,
108.6359

■ 47.6841, 40.9283,
10.6189

■ 45.2533, 36.9778,
6.9997

■ 43.2744, 33.5222,
4.7924

■ 41.9893, 31.1359,
3.7967

Harmonies

Analogous

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



71.4469, 68.9829, 61.4783



68.0030, 68.9829, 56.1853



64.0345, 68.9829, 55.6410

Triad

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



68.0030, 68.9829, 56.1853



58.3593, 68.9829, 79.6191



70.7796, 68.9829, 92.6897

Complementary

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



68.0030, 68.9829, 56.1853



59.6234, 64.2579, 90.9222

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.



67.1221, 68.9829, 98.6625



68.0030, 68.9829, 56.1853



60.0173, 68.9829, 90.6225

Square

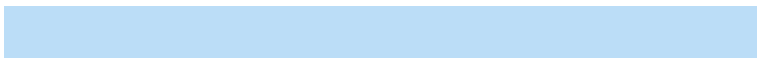
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.0030, 68.9829, 56.1853



58.5737, 68.9829, 68.4253



63.1883, 68.9829, 97.8699



73.0942, 68.9829, 82.2179

Rectangle

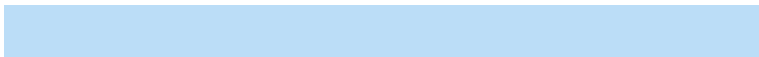
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.0030, 68.9829, 56.1853



61.6356, 68.9829, 57.9696



63.1883, 68.9829, 97.8699



69.6604, 68.9829, 95.3357

Sweetspot

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



68.0048, 68.9860, 56.1867



89.4759, 93.2389, 93.5167



65.2151, 58.2930, 71.0213



19.0526, 19.8360, 19.7468



0.0000, 0.0000, 0.0000



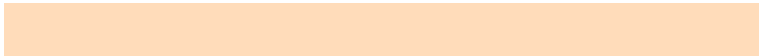
20.3446, 21.4041, 23.3091

Same Dimension

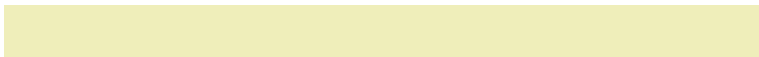
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.0048, 68.9860, 56.1867



75.6942, 75.9622, 57.2107



75.0685, 83.1133, 58.5413



16.4132, 17.0395, 16.5736



23.3348, 17.4677, 2.1417



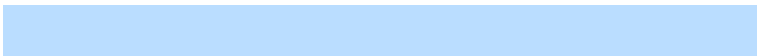
2.0406, 1.6518, 0.2113

Inverse Universe

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



59.6234, 64.2579, 90.9222



64.2502, 69.5060, 104.6374



53.5761, 52.1632, 88.9064



15.5629, 16.5598, 20.0977



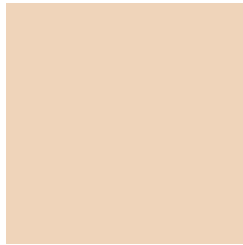
12.5695, 11.3633, 46.6587



1.1453, 1.1445, 3.9148

Previews

White Background



This preview shows how the XYZ color 68.0030, 68.9829, 56.1853 looks on a white background.

Color Contrast Check

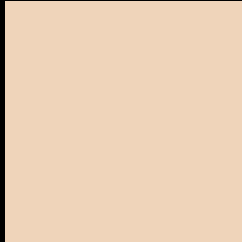
Large Text (above 18pt) WCAG AA × Fail

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 68.0030, 68.9829, 56.1853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

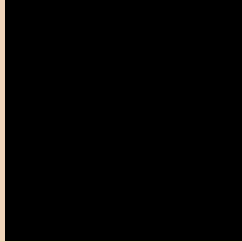
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.0030, 68.9829, 56.1853

Background



This preview shows how black text looks on a background with the XYZ color 68.0030, 68.9829, 56.1853.



This preview shows how white text looks on a background with the XYZ color 68.0030, 68.9829,

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

68.0030, 68.9829, 56.1853

Protanopia

65.3115, 69.0735, 57.4672

Deuteranopia

70.2369, 68.6561, 56.5638



Tritanopia

72.9403, 69.1865, 79.3220

Trichromacy



Original Color

68.0030, 68.9829, 56.1853

Protanomaly

66.2251, 69.1777, 56.8759

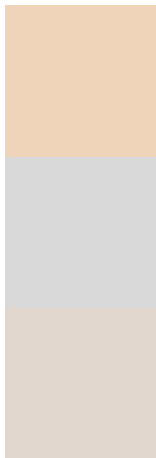
Deuteranomaly

69.4263, 68.6013, 56.5959

Tritanomaly

71.0513, 69.1313, 70.5716

Monochromacy



Original Color

68.0030, 68.9829, 56.1853

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.4924, 69.0647, 68.2188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0030, 68.9829, 56.1853 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(239, 212, 186)` looks like.

```
.text, #text, p{  
    color:rgb(239, 212, 186)  
}
```

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(239, 212, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 212, 186) }
```

Border

The CSS property to change the border of an element to XYZ 68.0030, 68.9829, 56.1853 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(239, 212, 186) }
```


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

```
.border{ border-color:rgb(239, 212, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 212, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 212, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 212, 186);  
box-shadow:4px 4px 4px 4px rgb(239, 212,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0030, 68.9829, 56.1853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 212, 186) }
```

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

```
.background{ background-color: rgb(239,  
212, 186) }
```

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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