

Converting Colors

XYZ(56.8800, 56.4168, 31.2724)

Have a look what the booklet for
XYZ(56.8800, 56.4168, 31.2724)
contains.

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Color

**XYZ(57.0064, 56.5316,
31.1997)**

Conversions

Conversions Part 1

Format	Color
Hex	EABF88
RGB	234, 191, 136
RGB Percent	92%, 75%, 53%
CMY	0.0824, 0.2510, 0.4667
CMYK	0.00, 0.18, 0.42, 0.08
HSL	34°, 70%, 73%
HSV	34°, 42%, 92%
XYZ	57.0064, 56.5316, 31.1997
YIQ	197.5870, 43.2830, -7.9890

Conversions

Conversions Part 2

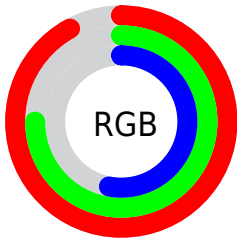
Format	Color
R _Y B	213, 234, 136
Decimal	15384456
CIE Lab	79.92, 8.23, 33.52
CIE LCh	80, 34.514, 76.198
Yxy	56.5316, 0.3939, 0.3906
Android (android.graphics.Color)	4293574536 (0xFFEABF88)
YUV	197.5870, -30.3624, 31.9342
Hunter-Lab	75.1875, 3.7588, 28.0284

Details

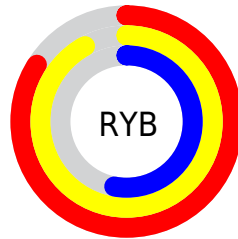
The XYZ color **57.0064, 56.5316, 31.1997** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.1241, 43.4133, 84.0539**, and the grayscale version is **53.5870, 56.3777, 61.3953**.

A 20% lighter version of the original color is **83.7950, 91.4992, 61.9598**, and **28.6327, 28.0629, 12.5019** is the 20% darker color. If you saturate the color by 10%, you get **53.3609, 51.6178, 22.6564**, and if you desaturate by 10%, it is **61.1747, 61.9099, 41.7096**.

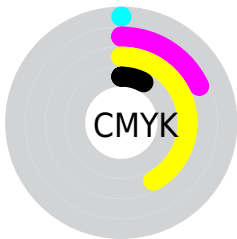
Distribution



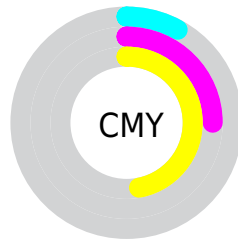
- Red (92%)
- Green (75%)
- Blue (53%)



- Red (84%)
- Yellow (92%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (42%)
- Black (8%)





- Cyan (8%)
- Magenta (25%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0064, 56.5316, 31.1997 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 57.0064, 56.5316, 31.1997 by changing the saturation by 10% instead.


 57.0064, 56.5316,
31.1997

 57.0064, 56.5316,
31.1997


403.4871,
411.6918, 321.8369


 41.2505, 40.6293,
20.4912


 99.6058, 99.7814,
62.6376

 28.7034, 28.0295,
12.5650


 127.1801,
127.8977, 84.2041

 18.9997, 18.3479,
7.0025

 159.4246,
160.8541, 110.2270

 11.7741, 11.2001,
3.3852

196.7046,
199.0351, 141.1249

 6.6611, 6.2016,
1.2945

239.3855,
242.8249, 177.3163

 3.2955, 2.9680,
0.0573

287.8326,

 1.3119, 1.1151,

292.6080, 219.2198

0.0000

342.4114,
348.7689, 267.2538

■ 0.1921, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0064, 56.5316,
31.1997

■ 57.0064, 56.5316,
31.1997

■ 53.3609, 51.6178,
22.6564

■ 61.1747, 61.9099,
41.7096

■ 50.2070, 47.1445,
15.9493


■ 65.8864, 67.7594,
54.2980


■ 47.5160, 43.0972,
10.9379


■ 71.1660, 74.0971,
69.0725


■ 45.2538, 39.4566,
7.4591


■ 77.0351, 80.9360,
86.1321

 43.3799, 36.2010,
5.3173

 83.5139, 88.2890,
105.5699

 42.0935, 33.8163,
4.3086

 86.9815, 94.7122,
108.3046

 87.7416, 96.2324,
108.5580

Harmonies

Analogous

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



63.5947, 56.5316, 37.7175



57.0064, 56.5316, 31.1997



50.0645, 56.5316, 31.4655

Triad

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



57.0064, 56.5316, 31.1997



41.8172, 56.5316, 72.9421



64.0408, 56.5316, 92.2685

Complementary

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



57.0064, 56.5316, 31.1997



41.1241, 43.4133, 84.0539

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.



57.5735, 56.5316, 106.4761



57.0064, 56.5316, 31.1997



44.9450, 56.5316, 93.7688

Square

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



57.0064, 56.5316, 31.1997



41.6941, 56.5316, 52.8090



50.5847, 56.5316, 107.0782



67.8880, 56.5316, 71.2132

Rectangle

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



57.0064, 56.5316, 31.1997



46.1697, 56.5316, 35.3965



50.5847, 56.5316, 107.0782



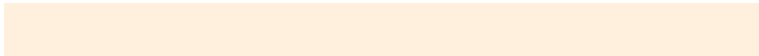
62.0771, 56.5316, 98.1863

Sweetspot

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



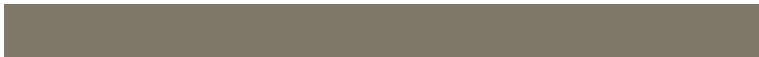
57.0078, 56.5343, 31.2008



85.6993, 89.1151, 81.6860



50.9846, 38.4007, 47.9588



18.0296, 18.7010, 16.5969



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.



57.0078, 56.5343, 31.2008



65.5414, 63.6813, 29.0873



66.2118, 77.2976, 34.7235



15.7669, 16.4567, 15.8642



23.7819, 19.2579, 2.4637



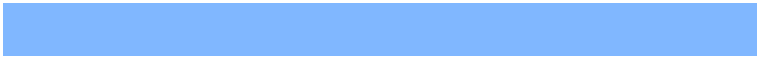
1.9630, 1.7033, 0.2253

Inverse Universe

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



41.1241, 43.4133, 84.0539



43.9008, 45.8180, 101.1377



34.6235, 29.2035, 81.6537



14.7750, 15.6364, 19.1616



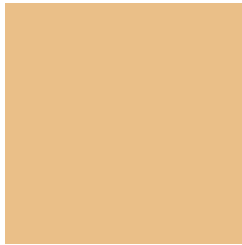
11.1728, 8.9925, 44.8898



0.9716, 0.8947, 3.5564

Previews

White Background



This preview shows how the XYZ color 57.0064, 56.5316, 31.1997 looks on a white background.

Color Contrast Check

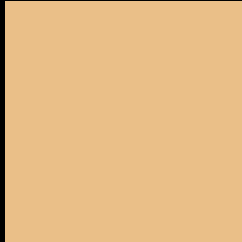
Large Text (above 18pt) WCAG AA × Fail

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 57.0064, 56.5316, 31.1997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

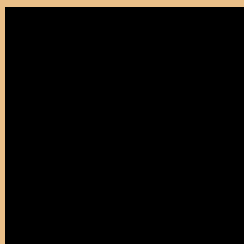
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0064, 56.5316, 31.1997

Background



This preview shows how black text looks on a background with the XYZ color 57.0064, 56.5316, 31.1997.



This preview shows how white text looks on a background with the XYZ color 57.0064, 56.5316,

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

57.0064, 56.5316, 31.1997

Protanopia

52.5858, 56.5484, 32.5695

Deuteranopia

57.7824, 56.6090, 31.1737



Tritanopia

62.9467, 56.4235, 60.3965

Trichromacy



Original Color

57.0064, 56.5316, 31.1997

Protanomaly

53.9213, 56.2373, 32.0577

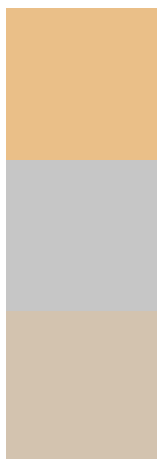
Deuteranomaly

57.4495, 56.4374, 31.1581

Tritanomaly

60.5567, 56.3901, 48.2501

Monochromacy



Original Color

57.0064, 56.5316, 31.1997

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.1169, 55.9742, 48.5093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0064, 56.5316, 31.1997 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(234, 191, 136)` looks like.

```
.text, #text, p{  
    color:rgb(234, 191, 136)  
}
```

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(234, 191, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 191, 136) }
```

Border

The CSS property to change the border of an element to XYZ 57.0064, 56.5316, 31.1997 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(234, 191, 136) }
```


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

```
.border{ border-color:rgb(234, 191, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 191, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 191, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 191, 136);  
box-shadow:4px 4px 4px 4px rgb(234, 191,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0064, 56.5316, 31.1997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 191, 136) }
```

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

```
.background{ background-color: rgb(234,  
191, 136) }
```

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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