

Converting Colors

XYZ(57.7703, 57.2016, 27.1590)

Have a look what the booklet for
XYZ(57.7703, 57.2016, 27.1590)
contains.

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Color

**XYZ(57.7476, 57.3317,
27.0913)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC07C
RGB	238, 192, 124
RGB Percent	93%, 75%, 49%
CMY	0.0667, 0.2470, 0.5137
CMYK	0.00, 0.19, 0.48, 0.07
HSL	36°, 77%, 71%
HSV	36°, 48%, 93%
XYZ	57.7476, 57.3317, 27.0913
YIQ	198.0020, 49.2440, -11.3960

Conversions

Conversions Part 2

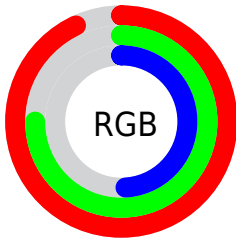
Format	Color
R _{YB}	201, 238, 124
Decimal	15646844
CIE _{Lab}	80.37, 8.11, 40.36
CIE _{LCh}	80, 41.163, 78.634
Y _{xy}	57.3317, 0.4062, 0.4033
Android (android.graphics.Color)	4293836924 (0xFFEEC07C)
YUV	198.0020, -36.4830, 35.0782
Hunter-Lab	75.7177, 3.6306, 31.7888

Details

The XYZ color **57.7476, 57.3317, 27.0913** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.1189, 39.2059, 86.4470**, and the grayscale version is **53.8728, 56.6784, 61.7228**.

A 20% lighter version of the original color is **82.8433, 91.6092, 55.4355**, and **29.2910, 28.6629, 10.4673** is the 20% darker color. If you saturate the color by 10%, you get **54.3806, 52.7227, 19.4183**, and if you desaturate by 10%, it is **61.6182, 62.3666, 36.7252**.

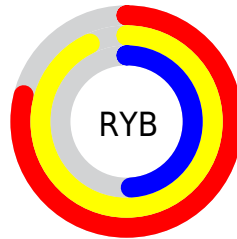
Distribution



Red (93%)

Green (75%)

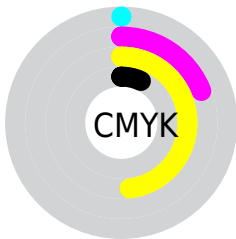
Blue (49%)



Red (79%)

Yellow (93%)

Blue (49%)

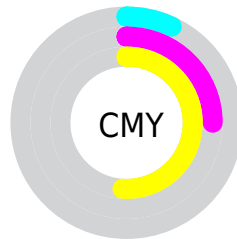


Cyan (0%)

Magenta (19%)

Yellow (48%)

Black (7%)



Cyan (7%)

Magenta (25%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7476, 57.3317, 27.0913 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 57.7476, 57.3317, 27.0913 by changing the saturation by 10% instead.

■ 57.7476, 57.3317,
27.0913

■ 57.7476, 57.3317,
27.0913

406.2138,
414.6911, 301.8731

■ 41.8482, 41.2716,
17.4088

■ 100.6803,
100.9490, 56.0359

■ 29.1731, 28.5314,
10.3613

■ 128.4443,
129.2750, 76.1350

■ 19.3567, 18.7266,
5.5305

■ 160.8940,
162.4585, 100.5433

■ 12.0339, 11.4729,
2.4976

198.3946,
200.8838, 129.6795

■ 6.8391, 6.3859,
0.8389

241.3115,
244.9353, 163.9620

■ 3.4071, 3.0811,
0.0000

290.0102,

■ 1.3725, 1.1742,

294.9974, 203.8094

0.0000

344.8558,
351.4545, 249.6403

■ 0.2365, 0.0405,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7476, 57.3317,
27.0913

■ 57.7476, 57.3317,
27.0913

■ 54.3806, 52.7227,
19.4183

■ 61.6182, 62.3666,
36.7252

■ 51.4839, 48.5157,
13.5620


■ 66.0147, 67.8338,
48.4435


■ 49.0259, 44.6958,
9.3636


■ 70.9627, 73.7497,
62.3634


■ 46.9683, 41.2433,
6.6349


■ 76.4851, 80.1273,
78.5922

 45.2596, 38.1330,
5.1186

 82.6030, 86.9789,
97.2305

 44.9293, 37.5162,
4.8733

 87.3774, 93.5324,
108.0560

 89.0697, 96.9171,
108.6201

Harmonies

Analogous

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



65.9150, 57.3317, 33.6767



57.7476, 57.3317, 27.0913



49.4779, 57.3317, 27.9732

Triad

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



57.7476, 57.3317, 27.0913



40.5372, 57.3317, 78.4537



67.5773, 57.3317, 98.3812

Complementary

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



57.7476, 57.3317, 27.0913



38.1189, 39.2059, 86.4470

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.



59.8341, 57.3317, 117.5184



57.7476, 57.3317, 27.0913



44.4715, 57.3317, 104.1213

Square

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



57.7476, 57.3317, 27.0913



40.1024, 57.3317, 53.7198



51.3612, 57.3317, 119.8545



71.9679, 57.3317, 72.0221

Rectangle

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



57.7476, 57.3317, 27.0913



44.9903, 57.3317, 32.7430



51.3612, 57.3317, 119.8545



65.2454, 57.3317, 106.1342

Sweetspot

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



57.7490, 57.3344, 27.0924



85.4017, 89.0623, 79.9147



49.8662, 35.5523, 43.0130



17.9872, 18.7229, 16.2539



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.



57.7490, 57.3344, 27.0924



63.8561, 62.0195, 23.2575



66.3663, 79.1799, 30.8549



16.5569, 17.3270, 16.6215



25.1963, 21.1907, 2.7622



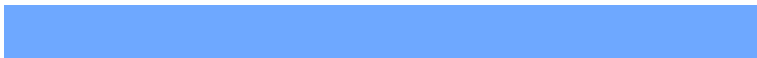
2.1934, 1.9574, 0.2622

Inverse Universe

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



38.1189, 39.2059, 86.4470



38.4937, 38.6260, 100.0345



32.3928, 25.6164, 84.1257



15.4208, 16.2756, 20.0504



11.0636, 8.3515, 46.1568



1.0154, 0.8849, 3.8715

Previews

White Background



This preview shows how the XYZ color 57.7476, 57.3317, 27.0913 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 57.7476, 57.3317, 27.0913 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 57.7476, 57.3317, 27.0913

Background



This preview shows how black text looks on a background with the XYZ color 57.7476, 57.3317, 27.0913.



This preview shows how white text looks on a background with the XYZ color 57.7476, 57.3317,

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

57.7476, 57.3317, 27.0913

Protanopia

53.1003, 57.5926, 28.3965

Deuteranopia

58.5445, 57.4176, 27.0659



Tritanopia

64.6677, 57.3107, 60.4770

Trichromacy



Original Color

57.7476, 57.3317, 27.0913

Protanomaly

54.7835, 57.4464, 27.9395

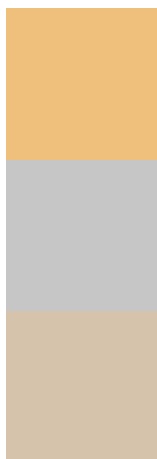
Deuteranomaly

58.2041, 57.2421, 27.0499

Tritanomaly

61.4326, 56.8973, 45.7746

Monochromacy



Original Color

57.7476, 57.3317, 27.0913

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.5312, 56.5663, 46.5724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7476, 57.3317, 27.0913 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(238, 192, 124)` looks like.

```
.text, #text, p{  
    color:rgb(238, 192, 124)  
}
```

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(238, 192, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 192, 124) }
```

Border

The CSS property to change the border of an element to XYZ 57.7476, 57.3317, 27.0913 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(238, 192, 124) }
```


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

```
.border{ border-color:rgb(238, 192, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 192, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 192, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 192, 124);  
box-shadow:4px 4px 4px 4px rgb(238, 192,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7476, 57.3317, 27.0913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 192, 124) }
```

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

```
.background{ background-color: rgb(238,  
192, 124) }
```

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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