

Converting Colors

XYZ(57.0600, 68.8127, 36.2614)

Have a look what the booklet for
XYZ(57.0600, 68.8127, 36.2614)
contains.

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Color

**XYZ(57.0600, 68.8127,
36.2614)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE18F
RGB	205, 225, 143
RGB Percent	80%, 88%, 56%
CMY	0.1961, 0.1176, 0.4392
CMYK	0.09, 0.00, 0.36, 0.12
HSL	75°, 58%, 72%
HSV	75°, 36%, 88%
XYZ	57.0600, 68.8127, 36.2614
YIQ	209.6720, 14.4020, -29.7420

Conversions

Conversions Part 2

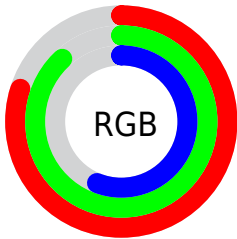
Format	Color
RYB	143, 225, 163
Decimal	13492623
CIELab	86.41, -19.63, 37.94
CIElCh	86, 42.719, 117.360
Yxy	68.8127, 0.3519, 0.4244
Android (android.graphics.Color)	4291682703 (0xFFCDE18F)
YUV	209.6720, -32.8693, -4.0973
Hunter-Lab	82.9534, -22.3862, 32.1500

Details

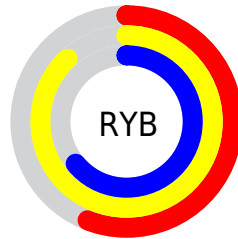
The XYZ color **57.0600, 68.8127, 36.2614** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **38.5199, 32.8695, 75.5522**, and the grayscale version is **61.2470, 64.4366, 70.1715**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **28.8407, 35.9888, 15.3240** is the 20% darker color. If you saturate the color by 10%, you get **54.0365, 67.4338, 28.0974**, and if you desaturate by 10%, it is **60.4820, 70.3619, 46.2313**.

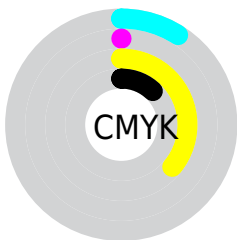
Distribution



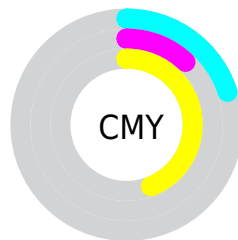
- Red (80%)
- Green (88%)
- Blue (56%)



- Red (56%)
- Yellow (88%)
- Blue (64%)



- Cyan (9%)
- Magenta (0%)
- Yellow (36%)
- Black (12%)





- Cyan (20%)
- Magenta (12%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0600, 68.8127, 36.2614 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 57.0600, 68.8127, 36.2614 by changing the saturation by 10% instead.


 57.0600, 68.8127,
36.2614


 57.0600, 68.8127,
36.2614


403.6846,
456.3701, 345.1735

 41.2937, 50.5592,
24.3449


 99.6836, 117.5140,
70.6089

 28.7374, 35.8579,
15.3751


 127.2716,
148.7306, 93.8770

 19.0255, 24.3245,
8.9335


159.5310,
185.0370, 121.7660

 11.7928, 15.5745,
4.6016

196.8270,
226.8176, 154.6944

 6.6740, 9.2236,
1.9609

239.5250,
274.4569, 193.0808

 3.3036, 4.8873,
0.5310


287.9904,

 1.3162, 2.1813,


328.3391, 237.3438


0.0000


342.5885,
388.8487, 287.9019


 0.1953, 0.7098,
0.0000


 0.0000, 0.0000,
0.0000


 57.0600, 68.8127,
36.2614


 57.0600, 68.8127,
36.2614


 54.0365, 67.4338,
28.0974


 60.4820, 70.3619,
46.2313


 51.3852, 66.2075,
21.6266


 64.3167, 72.0800,
58.1019


 49.0845, 65.1274,
16.7307


 68.5838, 73.9773,
71.9668


 47.1082, 64.1830,
13.2739


 73.3002, 76.0607,
87.9121


 45.4256, 63.3620,
11.0979

 78.4003, 78.3039,
105.5898


 43.9982, 62.6490,
10.0032

 80.2147, 79.2392,
105.6747

 43.5290, 62.4121,
9.7525

 82.0854, 80.2036,
105.7622

 84.0127, 81.1971,
105.8524

 85.9971, 82.2201,
105.9453

Harmonies

Analogous

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



66.2830, 68.8127, 32.6725



57.0600, 68.8127, 36.2614



50.6822, 68.8127, 49.2548

Triad

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



57.0600, 68.8127, 36.2614



55.6880, 68.8127, 130.6824



86.2658, 68.8127, 77.4583

Complementary

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



57.0600, 68.8127, 36.2614



38.5199, 32.8695, 75.5522

Split Complementary

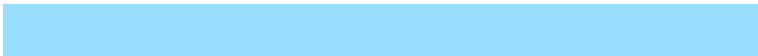
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.7328, 68.8127, 108.2509



57.0600, 68.8127, 36.2614



64.5336, 68.8127, 143.4367

Square

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



57.0600, 68.8127, 36.2614



49.9478, 68.8127, 102.8001



74.5251, 68.8127, 134.3457



83.7600, 68.8127, 52.6084

Rectangle

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



57.0600, 68.8127, 36.2614



48.5705, 68.8127, 63.6440



74.5251, 68.8127, 134.3457



85.7376, 68.8127, 87.4667

Sweetspot

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



57.0617, 68.8158, 36.2629



88.3853, 97.0485, 86.7107



48.9555, 43.8804, 31.8771



18.7531, 20.6990, 18.0242



0.0000, 0.0000, 0.0000



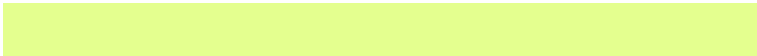
20.3446, 21.4041, 23.3091

Same Dimension

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



57.0617, 68.8158, 36.2629



72.5799, 89.9304, 39.4402



47.3748, 63.8220, 35.8095



14.5280, 15.8524, 14.6009



25.1925, 36.0197, 5.6247



1.8252, 2.5374, 0.3936

Inverse Universe

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



38.5199, 32.8695, 75.5522



44.4572, 35.3701, 99.0917



48.0803, 37.7981, 75.9996



13.2637, 13.4039, 17.2758



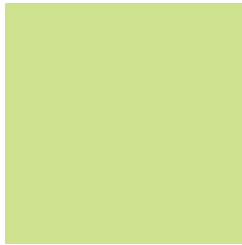
8.8246, 3.6446, 41.2867



0.6919, 0.2940, 2.8655

Previews

White Background



This preview shows how the XYZ color 57.0600, 68.8127, 36.2614 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 57.0600, 68.8127, 36.2614 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 57.0600, 68.8127, 36.2614

Background



This preview shows how black text looks on a background with the XYZ color 57.0600, 68.8127, 36.2614.



This preview shows how white text looks on a background with the XYZ color 57.0600, 68.8127,

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

57.0600, 68.8127, 36.2614

Protanopia

63.4770, 68.6380, 34.3290

Deuteranopia

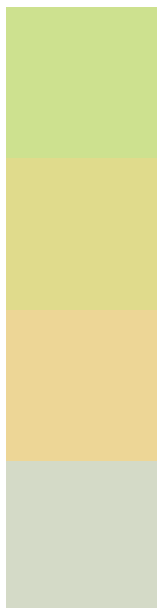
69.3856, 68.2187, 40.0824



Tritanopia

66.7893, 68.4616, 85.2955

Trichromacy



Original Color

57.0600, 68.8127, 36.2614

Protanomaly

60.8056, 68.4038, 34.8094

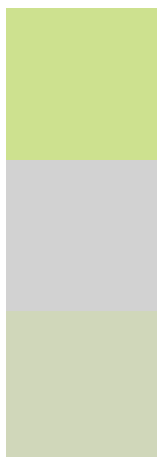
Deuteranomaly

64.4766, 68.2997, 38.6390

Tritanomaly

62.5316, 68.2634, 63.9132

Monochromacy



Original Color

57.0600, 68.8127, 36.2614

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.1758, 65.5559, 55.9890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0600, 68.8127, 36.2614 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(205, 225, 143)` looks like.

```
.text, #text, p{  
    color:rgb(205, 225, 143)  
}
```

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(205, 225, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 225, 143) }
```

Border

The CSS property to change the border of an element to XYZ 57.0600, 68.8127, 36.2614 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(205, 225, 143) }
```


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

```
.border{ border-color:rgb(205, 225, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 225, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 225, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 225, 143);  
box-shadow:4px 4px 4px 4px rgb(205, 225,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0600, 68.8127, 36.2614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 225, 143) }
```

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

```
.background{ background-color: rgb(205,  
225, 143) }
```

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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