

Converting Colors

XYZ(55.0283, 57.1379, 11.3878)

Have a look what the booklet for
XYZ(55.0283, 57.1379, 11.3878)
contains.

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Color

**XYZ(55.0600, 57.2827,
11.4035)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC334
RGB	237, 195, 52
RGB Percent	93%, 76%, 20%
CMY	0.0706, 0.2353, 0.7961
CMYK	0.00, 0.18, 0.78, 0.07
HSL	46°, 84%, 57%
HSV	46°, 78%, 93%
XYZ	55.0600, 57.2827, 11.4035
YIQ	191.2560, 70.9350, -35.5690

Conversions

Conversions Part 2

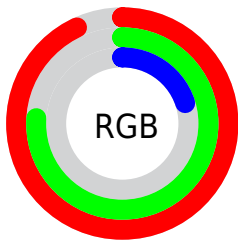
Format	Color
RYB	106, 237, 52
Decimal	15582004
CIELab	80.34, 1.56, 71.83
CIElCh	80, 71.844, 88.759
Yxy	57.2827, 0.4449, 0.4629
Android (android.graphics.Color)	4293772084 (0xFFEDC334)
YUV	191.2560, -68.6532, 40.1175
Hunter-Lab	75.6853, -2.5931, 44.0465

Details

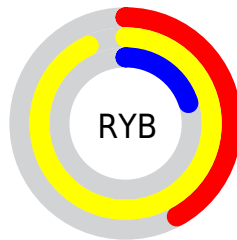
The XYZ color **55.0600, 57.2827, 11.4035** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **20.7050, 14.8497, 81.8952**, and the grayscale version is **50.0289, 52.6343, 57.3187**.

A 20% lighter version of the original color is **78.5517, 91.3801, 28.2499**, and **27.8045, 28.6931, 4.0729** is the 20% darker color. If you saturate the color by 10%, you get **53.4708, 54.7551, 8.8685**, and if you desaturate by 10%, it is **56.9629, 60.0098, 15.3647**.

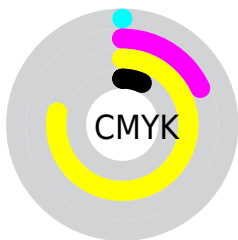
Distribution



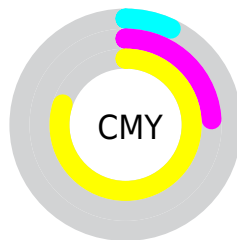
- Red (93%)
- Green (76%)
- Blue (20%)



- Red (42%)
- Yellow (93%)
- Blue (20%)



- Cyan (0%)
- Magenta (18%)
- Yellow (78%)
- Black (7%)



- Cyan (7%)
- Magenta (24%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0600, 57.2827, 11.4035 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 55.0600, 57.2827, 11.4035 by changing the saturation by 10% instead.

■ 55.0600, 57.2827,
11.4035

■ 55.0600, 57.2827,
11.4035

396.2720,
414.5078, 211.2511

■ 39.6838, 41.2323,
6.2214

■ 96.7767, 100.8776,
29.0519

■ 27.4752, 28.5006,
2.9092

■ 123.8478,
129.1908, 42.3552

■ 18.0689, 18.7034,
1.0484

■ 155.5480,
162.3604, 59.2027

■ 11.0994, 11.4561,
0.0000

■ 192.2426,
200.7707, 80.0129

■ 6.2015, 6.3745,
0.0000

■ 234.2970,
244.8063, 105.2042

■ 3.0098, 3.0741,
0.0000

282.0764,

■ 1.1590, 1.1706,

294.8513, 135.1954

0.0000

335.9463,
351.2904, 170.4048

■ 0.0736, 0.0375,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0600, 57.2827,
11.4035

■ 55.0600, 57.2827,
11.4035

■ 53.4708, 54.7551,
8.8685

■ 56.9629, 60.0098,
15.3647

■ 52.1418, 52.3981,
7.4979

■ 59.2114, 62.9431,
20.9347

■ 51.8999, 51.9545,
7.2928

■ 61.8370, 66.0981,
28.2725

■ 64.8667, 69.4863,
37.5171

■ 68.3245, 73.1181,
48.7933

■ 72.2326, 77.0029,
62.2158

■ 76.6114, 81.1496,
77.8901

■ 81.4801, 85.5666,
95.9151

■ 85.1526, 89.5799,
107.4104

Harmonies

Analogous

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



70.4566, 57.2827, 15.6097



55.0600, 57.2827, 11.4035



41.9497, 57.2827, 14.9237

Triad

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



55.0600, 57.2827, 11.4035



33.2393, 57.2827, 109.9748



82.3573, 57.2827, 114.4669

Complementary

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



55.0600, 57.2827, 11.4035



20.7050, 14.8497, 81.8952

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.



69.2048, 57.2827, 163.6245



55.0600, 57.2827, 11.4035



41.0648, 57.2827, 160.3120

Square

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



55.0600, 57.2827, 11.4035



30.7979, 57.2827, 60.6342



53.8356, 57.2827, 183.3181



87.8669, 57.2827, 64.1409

Rectangle

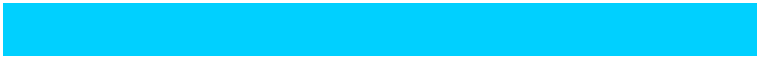
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.0600, 57.2827, 11.4035



35.8407, 57.2827, 22.7849



53.8356, 57.2827, 183.3181



78.5791, 57.2827, 132.3838

Sweetspot

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



55.0613, 57.2855, 11.4046



82.9027, 88.5794, 65.1618



38.2264, 21.2902, 12.9619



17.3942, 18.6079, 12.7543



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.



55.0613, 57.2855, 11.4046



62.1194, 62.8773, 9.3257



51.5611, 71.4651, 14.3260



16.0452, 17.0133, 15.9569



28.4389, 28.5721, 4.0161



2.3039, 2.3852, 0.3390

Inverse Universe

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



20.7050, 14.8497, 81.8952



20.4240, 11.6683, 95.7835



21.9188, 11.3571, 81.1570



14.5086, 15.1036, 19.0728



9.1419, 4.9309, 44.2129



0.7887, 0.5289, 3.4954

Previews

White Background



This preview shows how the XYZ color 55.0600, 57.2827, 11.4035 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 55.0600, 57.2827, 11.4035 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 55.0600, 57.2827, 11.4035

Background



This preview shows how black text looks on a background with the XYZ color 55.0600, 57.2827, 11.4035.



This preview shows how white text looks on a background with the XYZ color 55.0600, 57.2827,

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

55.0600, 57.2827, 11.4035

Protanopia

52.0373, 57.4129, 11.7073

Deuteranopia

58.3115, 56.9950, 11.5422



Tritanopia

65.0495, 57.2156, 59.8398

Trichromacy



Original Color

55.0600, 57.2827, 11.4035

Protanomaly

53.1498, 57.3032, 11.6275

Deuteranomaly

56.9528, 56.9404, 11.4789

Tritanomaly

59.7665, 56.6090, 34.1621

Monochromacy



Original Color

55.0600, 57.2827, 11.4035

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.5957, 53.0026, 32.4275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0600, 57.2827, 11.4035 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(237, 195, 52)` looks like.

```
.text, #text, p{  
    color:rgb(237, 195, 52)  
}
```

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(237, 195, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 195, 52) }
```

Border

The CSS property to change the border of an element to XYZ 55.0600, 57.2827, 11.4035 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(237, 195, 52) }
```


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

```
.border{ border-color:rgb(237, 195, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 195, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 195, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 195, 52);  
box-shadow:4px 4px 4px 4px rgb(237, 195,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0600, 57.2827, 11.4035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 195, 52) }
```

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

```
.background{ background-color: rgb(237,  
195, 52) }
```

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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