

Converting Colors

XYZ(57.2476, 68.8508, 15.5992)

Have a look what the booklet for
XYZ(57.2476, 68.8508, 15.5992)
contains.

XYZ(57.1840, 68.9322, 15.6015)	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(57.1840, 68.9322,
15.6015)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE043
RGB	220, 224, 67
RGB Percent	86%, 88%, 26%
CMY	0.1373, 0.1215, 0.7372
CMYK	0.02, 0.00, 0.70, 0.12
HSL	62°, 72%, 57%
HSV	62°, 70%, 88%
XYZ	57.1840, 68.9322, 15.6015
YIQ	204.9060, 48.0130, -49.6750

Conversions

Conversions Part 2

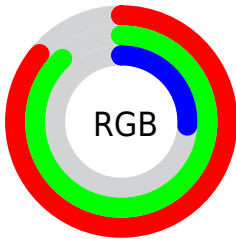
Format	Color
RYB	67, 224, 71
Decimal	14475331
CIELab	86.47, -19.58, 72.02
CIELCh	86, 74.632, 105.212
Yxy	68.9322, 0.4035, 0.4864
Android (android.graphics.Color)	4292665411 (0xFFDCE043)
YUV	204.9060, -67.9877, 13.2374
Hunter-Lab	83.0254, -22.3521, 46.9765

Details

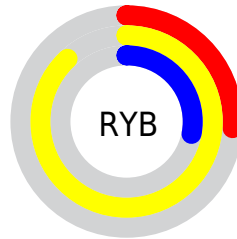
The XYZ color **57.1840, 68.9322, 15.6015** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **18.0622, 10.7372, 71.6457**, and the grayscale version is **58.3677, 61.4074, 66.8726**.

A 20% lighter version of the original color is **80.6381, 94.2352, 33.0079**, and **28.8859, 35.9530, 5.4172** is the 20% darker color. If you saturate the color by 10%, you get **56.4657, 68.6275, 12.7133**, and if you desaturate by 10%, it is **58.1659, 69.3475, 19.8606**.

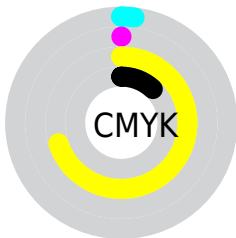
Distribution



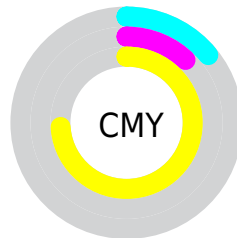
- Red (86%)
- Green (88%)
- Blue (26%)



- Red (26%)
- Yellow (88%)
- Blue (28%)



- Cyan (2%)
- Magenta (0%)
- Yellow (70%)
- Black (12%)





- Cyan (14%)
- Magenta (12%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1840, 68.9322, 15.6015 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 57.1840, 68.9322, 15.6015 by changing the saturation by 10% instead.


 57.1840, 68.9322,
15.6015

 57.1840, 68.9322,
15.6015


404.1415,
456.7918, 238.7435

 41.3937, 50.6565,
9.0913


 99.8634, 117.6847,
36.6621


 28.8159, 35.9353,
4.7032


 127.4833,
148.9303, 52.0496

 19.0852, 24.3842,
2.0185


 159.7770,
185.2681, 71.2333

 11.8362, 15.6189,
0.5666

 197.1100,
227.0823, 94.6317

 6.7036, 9.2549,
0.0000

 239.8476,
274.7573, 122.6634

 3.3221, 4.9078,
0.0000

288.3551,

 1.3263, 2.1933,

328.6777, 155.7469

0.0000

342.9979,
389.2277, 194.3008

■ 0.2028, 0.7163,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1840, 68.9322,
15.6015

■ 57.1840, 68.9322,
15.6015

■ 56.4657, 68.6275,
12.7133

■ 58.1659, 69.3475,
19.8606

■ 55.9742, 68.4110,
11.0239


■ 59.4334, 69.8746,
25.6275


■ 55.6574, 68.2646,
10.2429


■ 61.0116, 70.5261,
33.0274


■ 62.9215, 71.3103,
42.1710

 65.1824, 72.2349,
53.1596

 67.8120, 73.3071,
66.0866

 70.8268, 74.5335,
81.0392

 74.2424, 75.9202,
98.0992

 75.8036, 76.5653,
105.3910

Harmonies

Analogous

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



74.3659, 68.9322, 15.5376



57.1840, 68.9322, 15.6015



44.6604, 68.9322, 26.0103

Triad

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



57.1840, 68.9322, 15.6015



44.7953, 68.9322, 164.8233



103.1620, 68.9322, 102.0448

Complementary

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



57.1840, 68.9322, 15.6015



18.0622, 10.7372, 71.6457

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.



92.0290, 68.9322, 163.9831



57.1840, 68.9322, 15.6015



57.4013, 68.9322, 209.6983

Square

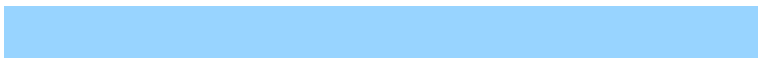
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.1840, 68.9322, 15.6015



38.4112, 68.9322, 102.8822



74.6247, 68.9322, 209.3368



103.0759, 68.9322, 52.7615

Rectangle

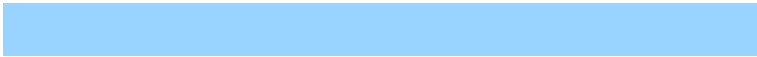
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.1840, 68.9322, 15.6015



39.7548, 68.9322, 41.8227



74.6247, 68.9322, 209.3368



100.5321, 68.9322, 122.4138

Sweetspot

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



57.1856, 68.9354, 15.6029



87.0947, 96.7600, 69.6225



33.9222, 20.5868, 7.4968



18.4540, 20.6339, 13.9861



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.



57.1856, 68.9354, 15.6029



75.4143, 91.9167, 15.8465



38.9790, 59.5496, 14.7509



14.8354, 16.0108, 14.6153



32.4105, 39.7407, 5.9625



2.2576, 2.7603, 0.4138

Inverse Universe

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



18.0622, 10.7372, 71.6457



19.9748, 9.3791, 95.3653



27.6977, 15.7044, 72.0967



12.9842, 13.2599, 17.2628



7.8877, 3.1616, 41.2429



0.5583, 0.2251, 2.8593

Previews

White Background



This preview shows how the XYZ color 57.1840, 68.9322, 15.6015 looks on a white background.

Color Contrast Check

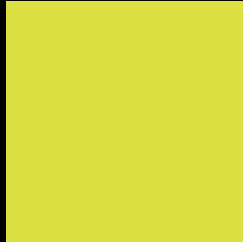
Large Text (above 18pt) WCAG AA × Fail

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 57.1840, 68.9322, 15.6015 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 57.1840, 68.9322, 15.6015

Background



This preview shows how black text looks on a background with the XYZ color 57.1840, 68.9322, 15.6015.



This preview shows how white text looks on a background with the XYZ color 57.1840, 68.9322,

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

57.1840, 68.9322, 15.6015

Protanopia

62.3849, 68.8846, 15.0090

Deuteranopia

68.6279, 68.6959, 33.6873



Tritanopia

70.4596, 68.5843, 81.4760

Trichromacy



Original Color

57.1840, 68.9322, 15.6015

Protanomaly

60.5083, 69.0722, 15.2974

Deuteranomaly

63.5891, 68.1402, 25.1301

Tritanomaly

63.4275, 67.5783, 46.7467

Monochromacy



Original Color

57.1840, 68.9322, 15.6015

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.0382, 63.1552, 40.2470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1840, 68.9322, 15.6015 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(220, 224, 67)` looks like.

```
.text, #text, p{  
    color:rgb(220, 224, 67)  
}
```

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(220, 224, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 224, 67) }
```

Border

The CSS property to change the border of an element to XYZ 57.1840, 68.9322, 15.6015 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(220, 224, 67) }
```


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

```
.border{ border-color:rgb(220, 224, 67) }
```

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

Here you see how a box with a 4 pixel rgb(220, 224, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 224, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 224, 67);  
box-shadow:4px 4px 4px 4px rgb(220, 224,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1840, 68.9322, 15.6015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 224, 67) }
```

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

```
.background{ background-color: rgb(220,  
224, 67) }
```

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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