

Converting Colors

XYZ(57.3608, 77.6111, 17.2627)

Have a look what the booklet for
XYZ(57.3608, 77.6111, 17.2627)
contains.

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Color

**XYZ(57.1832, 77.3860,
17.2333)**

Conversions

Conversions Part 1

Format	Color
Hex	C8F443
RGB	200, 244, 67
RGB Percent	78%, 96%, 26%
CMY	0.2157, 0.0431, 0.7372
CMYK	0.18, 0.00, 0.73, 0.04
HSL	75°, 89%, 61%
HSV	75°, 73%, 96%
XYZ	57.1832, 77.3860, 17.2333
YIQ	210.6660, 30.5930, -64.3750

Conversions

Conversions Part 2

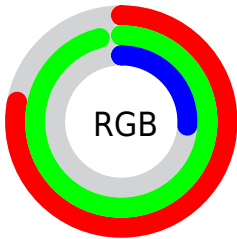
Format	Color
RYB	67, 244, 111
Decimal	13169731
CIELab	90.50, -36.95, 75.43
CIELCh	90, 83.997, 116.097
Yxy	77.3860, 0.3767, 0.5098
Android (android.graphics.Color)	4291359811 (0xFFC8F443)
YUV	210.6660, -70.8273, -9.3541
Hunter-Lab	87.9693, -37.9149, 49.9635

Details

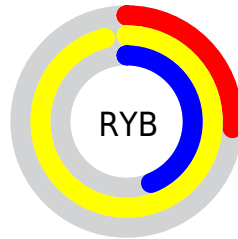
The XYZ color **57.1832, 77.3860, 17.2333** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **24.8948, 13.9275, 86.9688**, and the grayscale version is **62.1369, 65.3728, 71.1910**.

A 20% lighter version of the original color is **80.7659, 94.2864, 33.6809**, and **29.1385, 41.7172, 6.5165** is the 20% darker color. If you saturate the color by 10%, you get **55.0122, 76.3369, 14.0828**, and if you desaturate by 10%, it is **59.7303, 78.5985, 22.0128**.

Distribution



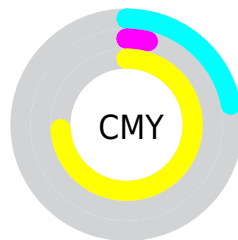
- Red (78%)
- Green (96%)
- Blue (26%)



- Red (26%)
- Yellow (96%)
- Blue (44%)



- Cyan (18%)
- Magenta (0%)
- Yellow (73%)
- Black (4%)





- Cyan (22%)
- Magenta (4%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1832, 77.3860, 17.2333 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 57.1832, 77.3860, 17.2333 by changing the saturation by 10% instead.


 57.1832, 77.3860,
17.2333


 57.1832, 77.3860,
17.2333


404.1385,
486.0791, 248.6026

 41.3931, 57.5697,
10.2373


 99.8623, 129.6842,
39.5226


 28.8154, 41.4628,
5.4489


 127.4819,
162.9350, 55.6529

 19.0848, 28.6809,
2.4497


 159.7754,
201.4326, 75.6651

 11.8359, 18.8396,
0.8133

 197.1082,
245.5617, 99.9777

 6.7034, 11.5544,
0.0000

 239.8455,
295.7064, 129.0092

 3.3220, 6.4410,
0.0000

288.3527,

 1.3263, 3.1151,

352.2513, 163.1781

0.0000

342.9953,
415.5808, 202.9031

■ 0.2027, 1.1921,
0.0000

■ 0.0000, 0.0552,
0.0000

■ 57.1832, 77.3860,
17.2333

■ 57.1832, 77.3860,
17.2333

■ 55.0122, 76.3369,
14.0828

■ 59.7303, 78.5985,
22.0128

■ 53.1694, 75.4236,
12.3370


■ 62.6833, 79.9781,
28.5980


■ 51.9618, 74.8139,
11.7019


■ 66.0745, 81.5406,
37.1480


■ 69.9313, 83.2971,
47.8032

 74.2787, 85.2575,
60.6910

 79.1395, 87.4311,
75.9289

 84.5352, 89.8266,
93.6260

 89.3028, 91.9788,
107.6547

 91.4950, 93.1089,
107.7572

Harmonies

Analogous

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



76.3361, 77.3860, 13.5355



57.1832, 77.3860, 17.2333



44.8731, 77.3860, 34.8178

Triad

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



57.1832, 77.3860, 17.2333



53.2517, 77.3860, 221.2870



121.6375, 77.3860, 92.3797

Complementary

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



57.1832, 77.3860, 17.2333



24.8948, 13.9275, 86.9688

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.



112.4120, 77.3860, 166.6195



57.1832, 77.3860, 17.2333



70.8386, 77.3860, 260.2909

Square

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



57.1832, 77.3860, 17.2333



42.9249, 77.3860, 146.0491



92.7822, 77.3860, 236.6118



116.0985, 77.3860, 42.9429

Rectangle

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



57.1832, 77.3860, 17.2333



40.9088, 77.3860, 59.4169



92.7822, 77.3860, 236.6118



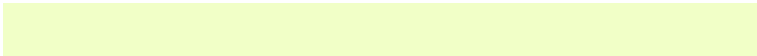
120.1206, 77.3860, 115.2119

Sweetspot

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



57.1850, 77.3895, 17.2349



82.3506, 94.3488, 67.8428



43.7185, 30.4294, 8.8805



17.3335, 20.0629, 13.6312



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.



57.1850, 77.3895, 17.2349



59.8140, 83.8883, 14.4894



40.3321, 68.7015, 16.4462



17.4888, 19.0940, 17.5613



28.3836, 40.7451, 6.3686



2.5877, 3.6291, 0.5641

Inverse Universe

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



24.8948, 13.9275, 86.9688



22.6517, 10.4058, 95.4224



41.3128, 22.3913, 87.7371



15.9671, 16.1257, 20.8136



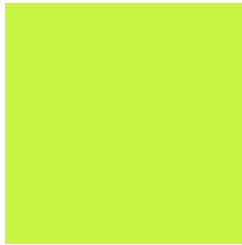
10.0183, 4.1390, 46.8089



0.9706, 0.4102, 4.1183

Previews

White Background



This preview shows how the XYZ color 57.1832, 77.3860, 17.2333 looks on a white background.

Color Contrast Check

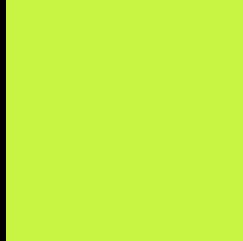
Large Text (above 18pt) WCAG AA × Fail

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 57.1832, 77.3860, 17.2333 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 57.1832, 77.3860, 17.2333

Background



This preview shows how black text looks on a background with the XYZ color 57.1832, 77.3860, 17.2333.



This preview shows how white text looks on a background with the XYZ color 57.1832, 77.3860,

17.2333.

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

57.1832, 77.3860, 17.2333

Protanopia

69.8806, 77.1057, 15.9024

Deuteranopia

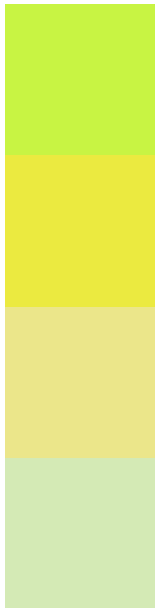
75.3972, 76.7169, 52.9535



Tritanopia

73.5914, 77.2007, 98.2113

Trichromacy



Original Color

57.1832, 77.3860, 17.2333

Protanomaly

64.6092, 76.8780, 16.2842

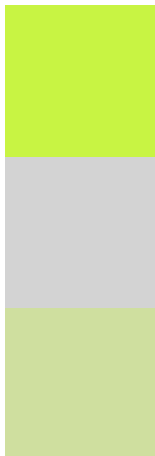
Deuteranomaly

67.1452, 76.0908, 35.1928

Tritanomaly

64.9147, 76.1789, 54.9987

Monochromacy



Original Color

57.1832, 77.3860, 17.2333

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

58.3778, 68.5440, 42.9544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1832, 77.3860, 17.2333 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(200, 244, 67)` looks like.

```
.text, #text, p{  
    color:rgb(200, 244, 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(200, 244, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 244, 67) }
```

Border

The CSS property to change the border of an element to XYZ 57.1832, 77.3860, 17.2333 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(200, 244, 67) }
```


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

```
.border{ border-color:rgb(200, 244, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 244, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 244, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 244, 67);  
box-shadow:4px 4px 4px 4px rgb(200, 244,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1832, 77.3860, 17.2333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 244, 67) }
```

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

```
.background{ background-color: rgb(200,  
244, 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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