

Converting Colors

XYZ(39.2493, 60.8783, 15.1609)

Have a look what the booklet for
XYZ(39.2493, 60.8783, 15.1609)
contains.

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Color

**XYZ(39.3277, 60.9310,
15.1569)**

Conversions

Conversions Part 1

Format	Color
Hex	8CE344
RGB	140, 227, 68
RGB Percent	55%, 89%, 27%
CMY	0.4510, 0.1098, 0.7333
CMYK	0.38, 0.00, 0.70, 0.11
HSL	93°, 74%, 58%
HSV	93°, 70%, 89%
XYZ	39.3277, 60.9310, 15.1569
YIQ	182.8610, -0.8130, -67.8930

Conversions

Conversions Part 2

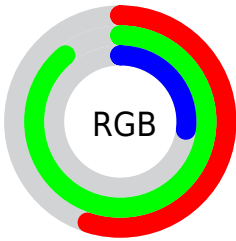
Format	Color
RYB	68, 227, 155
Decimal	9233220
CIELab	82.34, -51.30, 65.90
CIELCh	82, 83.517, 127.900
Yxy	60.9310, 0.3407, 0.5279
Android (android.graphics.Color)	4287423300 (0xFF8CE344)
YUV	182.8610, -56.6265, -37.5891
Hunter-Lab	78.0583, -46.6693, 43.1282

Details

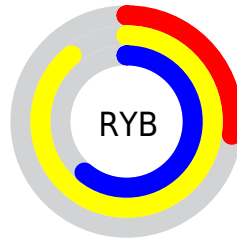
The XYZ color **39.3277, 60.9310, 15.1569** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **29.4528, 16.6508, 74.3381**, and the grayscale version is **45.2361, 47.5919, 51.8276**.

A 20% lighter version of the original color is **63.0149, 85.1428, 32.5150**, and **17.9562, 30.8752, 5.0131** is the 20% darker color. If you saturate the color by 10%, you get **36.7887, 59.6891, 12.0957**, and if you desaturate by 10%, it is **42.3740, 62.4072, 19.6436**.

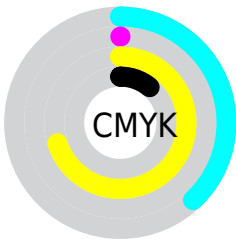
Distribution



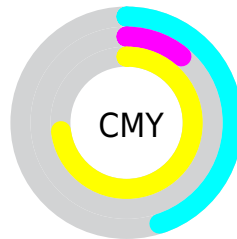
- Red (55%)
- Green (89%)
- Blue (27%)



- Red (27%)
- Yellow (89%)
- Blue (61%)



- Cyan (38%)
- Magenta (0%)
- Yellow (70%)
- Black (11%)



- Cyan (45%)
- Magenta (11%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3277, 60.9310, 15.1569 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 39.3277, 60.9310, 15.1569 by changing the saturation by 10% instead.


 39.3277, 60.9310,
15.1569


 39.3277, 60.9310,
15.1569


334.4649,
428.0210, 235.9873


 27.1966, 44.1695,
8.7817


 73.4295, 106.1790,
35.8744


 17.8583, 30.8038,
4.5042


 96.1310, 135.4343,
51.0538


 10.9474, 20.4495,
1.9058


 123.0867,
169.6230, 70.0050

 6.0985, 12.7222,
0.4964

 154.6618,
209.1295, 93.1466

 2.9463, 7.2375,
0.0000

 191.2219,
254.3381, 120.8971

 1.1254, 3.6111,
0.0000

233.1322,

 0.0462, 1.4585,

305.6333, 153.6750

0.0000

280.7581,
363.3994, 191.8989

■ 0.0000, 0.2592,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.3277, 60.9310,
15.1569

■ 39.3277, 60.9310,
15.1569

■ 36.7887, 59.6891,
12.0957

■ 42.3740, 62.4072,
19.6436


■ 34.7119, 58.6565,
10.2823


■ 45.9585, 64.1248,
25.6981


■ 33.0395, 57.8118,
9.4174

■ 50.1139, 66.0997,
33.4497


■ 54.8688, 68.3442,
43.0132

 60.2497, 70.8696,
54.4935

 66.2811, 73.6865,
67.9874

 72.9864, 76.8049,
83.5851

 80.3875, 80.2343,
101.3715

 85.5914, 82.8181,
106.0821

Harmonies

Analogous

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



53.3345, 60.9310, 8.9101



39.3277, 60.9310, 15.1569



31.6344, 60.9310, 35.8728

Triad

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



39.3277, 60.9310, 15.1569



45.9655, 60.9310, 204.9366



98.8670, 60.9310, 53.7608

Complementary

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



39.3277, 60.9310, 15.1569



29.4528, 16.6508, 74.3381

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.



95.7714, 60.9310, 110.4845



39.3277, 60.9310, 15.1569



62.7465, 60.9310, 218.5308

Square

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



39.3277, 60.9310, 15.1569



34.8835, 60.9310, 146.6247



81.5884, 60.9310, 177.6651



89.3416, 60.9310, 22.5056

Rectangle

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



39.3277, 60.9310, 15.1569



29.9982, 60.9310, 62.8154



81.5884, 60.9310, 177.6651



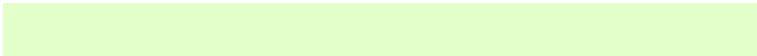
99.2988, 60.9310, 70.0013

Sweetspot

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



39.3291, 60.9336, 15.1582



77.6248, 91.8781, 69.1793



44.0830, 39.4678, 10.7643



16.1858, 19.4646, 13.8800



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.



39.3291, 60.9336, 15.1582



46.6031, 77.0640, 14.4982



31.0674, 56.6550, 15.6547



14.8060, 16.4071, 15.2910



19.3984, 33.7817, 5.4981



1.5393, 2.5509, 0.4112

Inverse Universe

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



29.4528, 16.6508, 74.3381



32.9388, 16.0623, 95.9720



46.8928, 25.7247, 71.3938



14.3329, 14.2738, 18.1440



13.0883, 5.8132, 42.8154



1.0739, 0.4846, 3.1689

Previews

White Background



This preview shows how the XYZ color 39.3277, 60.9310, 15.1569 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 39.3277, 60.9310, 15.1569 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

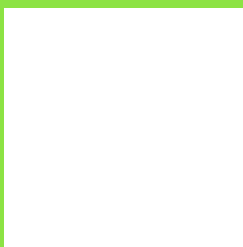
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3277, 60.9310, 15.1569

Background



This preview shows how black text looks on a background with the XYZ color 39.3277, 60.9310, 15.1569.

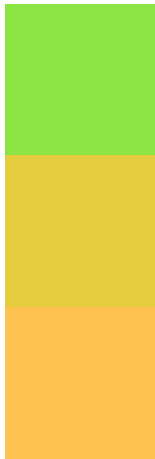


This preview shows how white text looks on a background with the XYZ color 39.3277, 60.9310,

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

39.3277, 60.9310, 15.1569

Protanopia

54.4573, 60.0275, 13.2737

Deuteranopia

61.6128, 60.2336, 15.9683



Tritanopia

52.7906, 60.5306, 83.0300

Trichromacy



Original Color

39.3277, 60.9310, 15.1569



Protanomaly

47.2338, 59.1929, 13.7864



Deuteranomaly

50.8164, 58.8106, 15.5107



Tritanomaly

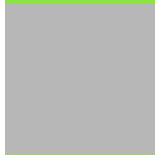
45.5861, 59.4966, 47.1116

Monochromacy



Original Color

39.3277, 60.9310, 15.1569



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

41.1675, 50.9854, 32.8707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3277, 60.9310, 15.1569 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(140, 227, 68)` looks like.

```
.text, #text, p{  
    color:rgb(140, 227, 68)  
}
```

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(140, 227, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 227, 68) }
```

Border

The CSS property to change the border of an element to XYZ 39.3277, 60.9310, 15.1569 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(140, 227, 68) }
```


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

```
.border{ border-color:rgb(140, 227, 68) }
```

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

Here you see how a box with a 4 pixel rgb(140, 227, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 227, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 227, 68);  
box-shadow:4px 4px 4px 4px rgb(140, 227,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3277, 60.9310, 15.1569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 227, 68) }
```

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

```
.background{ background-color: rgb(140,  
227, 68) }
```

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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