

Converting Colors

XYZ(39.4450, 61.3050, 15.2710)

Have a look what the booklet for
XYZ(39.4450, 61.3050, 15.2710)
contains.

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Color

**XYZ(39.4343, 61.3931,
15.2405)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8BE444 |
| RGB | 139, 228, 68 |
| RGB Percent | 55%, 89%, 27% |
| CMY | 0.4549, 0.1059, 0.7333 |
| CMYK | 0.39, 0.00, 0.70, 0.11 |
| HSL | 93°, 75%, 58% |
| HSV | 93°, 70%, 89% |
| XYZ | 39.4343, 61.3931, 15.2405 |
| YIQ | 183.1490, -1.6840, -68.6280 |

Conversions

Conversions Part 2

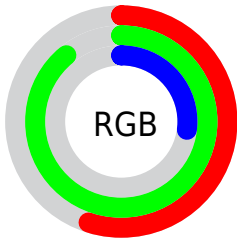
| Format | Color |
|-------------------------------------|--|
| RYB | 68, 228, 157 |
| Decimal | 9167940 |
| CIELab | 82.59, -52.04, 66.14 |
| CIELCh | 83, 84.155, 128.194 |
| Yxy | 61.3931, 0.3398, 0.5289 |
| Android (android.graphics.Color) | 4287358020 (0xFF8BE444) |
| YUV | 183.1490, -56.7685, -38.7187 |
| Hunter-Lab | 78.3537, -47.2826, 43.3152 |

Details

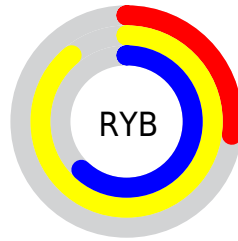
The XYZ color **39.4343, 61.3931, 15.2405** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **29.9783, 16.9057, 75.0852**, and the grayscale version is **45.3958, 47.7599, 52.0105**.

A 20% lighter version of the original color is **62.7504, 85.0064, 32.5026**, and **18.0608, 31.2105, 5.0723** is the 20% darker color. If you saturate the color by 10%, you get **36.8733, 60.1401, 12.1682**, and if you desaturate by 10%, it is **42.5144, 62.8863, 19.7513**.

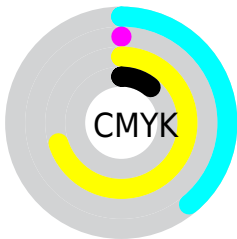
Distribution



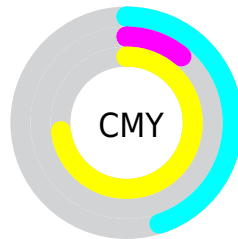
- Red (55%)
- Green (89%)
- Blue (27%)



- Red (27%)
- Yellow (89%)
- Blue (62%)



- Cyan (39%)
- Magenta (0%)
- Yellow (70%)
- Black (11%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4343, 61.3931, 15.2405 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 39.4343, 61.3931, 15.2405 by changing the saturation by 10% instead.


 39.4343, 61.3931,
15.2405


 39.4343, 61.3931,
15.2405


334.9089,
429.7139, 236.5080

 27.2800, 44.5425,
8.8399


 73.5911, 106.8479,
36.0228


 17.9213, 31.0972,
4.5415


 96.3244, 136.2209,
51.2415


 10.9928, 20.6729,
1.9269


 123.3147,
170.5368, 70.2367

 6.1293, 12.8851,
0.5097

 154.9273,
210.1800, 93.4268

 2.9653, 7.3495,
0.0000

 191.5277,
255.5349, 121.2305

 1.1354, 3.6816,
0.0000

233.4812,

 0.0544, 1.4971,

306.9860, 154.0662

0.0000

281.1531,
364.9175, 192.3526

■ 0.0000, 0.2867,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.4343, 61.3931,
15.2405

■ 39.4343, 61.3931,
15.2405

■ 36.8733, 60.1401,
12.1682

■ 42.5144, 62.8863,
19.7513


■ 34.7853, 59.1017,
10.3541


■ 46.1453, 64.6269,
25.8446


■ 33.1306, 58.2659,
9.5003


■ 50.3606, 66.6316,
33.6514


■ 55.1896, 68.9127,
43.2881

 60.6593, 71.4820,
54.8606

 66.7950, 74.3502,
68.4670

 73.6206, 77.5278,
84.1986

 81.1585, 81.0245,
102.1412

 86.3578, 83.6204,
106.1965

Harmonies

Analogous

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



53.5494, 61.3931, 8.8658



39.4343, 61.3931, 15.2405



31.7209, 61.3931, 36.3331

Triad

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



39.4343, 61.3931, 15.2405



46.3989, 61.3931, 207.8902



99.8307, 61.3931, 53.6709

Complementary

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



39.4343, 61.3931, 15.2405



29.9783, 16.9057, 75.0852

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.



96.8195, 61.3931, 110.9251



39.4343, 61.3931, 15.2405



63.4341, 61.3931, 221.1381

Square

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



39.4343, 61.3931, 15.2405



35.1272, 61.3931, 148.9474



82.5199, 61.3931, 179.1745



90.0583, 61.3931, 22.3319

Rectangle

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



39.4343, 61.3931, 15.2405



30.1083, 61.3931, 63.7665



82.5199, 61.3931, 179.1745



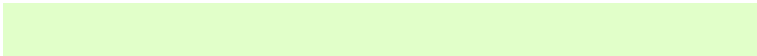
100.3131, 61.3931, 70.0244

Sweetspot

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



39.4357, 61.3958, 15.2418



77.4729, 91.7998, 69.1722



44.9293, 40.6908, 10.9558



16.1498, 19.4460, 13.8783



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.



39.4357, 61.3958, 15.2418



46.2849, 76.8999, 14.4833



31.4337, 57.2404, 16.2303



14.7933, 16.4005, 15.2904



19.2615, 33.7112, 5.4917



1.5288, 2.5455, 0.4108

Inverse Universe

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



29.9783, 16.9057, 75.0852



33.3243, 16.2611, 95.9901



46.9827, 25.7972, 70.2165



14.3458, 14.2805, 18.1446



13.2642, 5.9038, 42.8236



1.0866, 0.4911, 3.1695

Previews

White Background



This preview shows how the XYZ color 39.4343, 61.3931, 15.2405 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 39.4343, 61.3931, 15.2405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

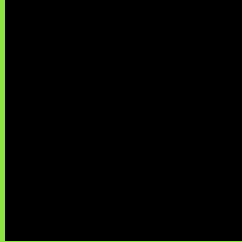
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4343, 61.3931, 15.2405

Background



This preview shows how black text looks on a background with the XYZ color 39.4343, 61.3931, 15.2405.

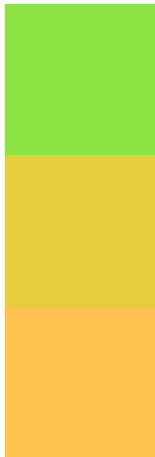


This preview shows how white text looks on a background with the XYZ color 39.4343, 61.3931,

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

39.4343, 61.3931, 15.2405

Protanopia

55.0139, 60.6685, 13.3681

Deuteranopia

61.6128, 60.2336, 15.9683



Tritanopia

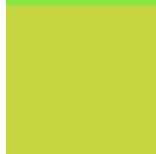
53.1814, 61.0882, 83.8512

Trichromacy



Original Color

39.4343, 61.3931, 15.2405



Protanomaly

47.4846, 59.6944, 13.8700



Deuteranomaly

50.5272, 58.6615, 15.4972



Tritanomaly

45.7485, 59.9531, 47.6890

Monochromacy



Original Color

39.4343, 61.3931, 15.2405



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 39.4343, 61.3931, 15.2405 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(139, 228, 68)` looks like.

```
.text, #text, p{  
    color:rgb(139, 228, 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(139, 228, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 228, 68) }
```

Border

The CSS property to change the border of an element to XYZ 39.4343, 61.3931, 15.2405 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(139, 228, 68) }
```


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

```
.border{ border-color:rgb(139, 228, 68) }
```

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

Here you see how a box with a 4 pixel rgb(139, 228, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 228, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 228, 68);  
box-shadow:4px 4px 4px 4px rgb(139, 228,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4343, 61.3931, 15.2405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 228, 68) }
```

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

```
.background{ background-color: rgb(139,  
228, 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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