

Converting Colors

XYZ(39.3295, 56.2045, 10.8067)

Have a look what the booklet for
XYZ(39.3295, 56.2045, 10.8067)
contains.

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Color

**XYZ(39.3814, 56.3311,
10.8049)**

Conversions

Conversions Part 1

Format	Color
Hex	A1D728
RGB	161, 215, 40
RGB Percent	63%, 84%, 16%
CMY	0.3686, 0.1568, 0.8431
CMYK	0.25, 0.00, 0.81, 0.16
HSL	79°, 69%, 50%
HSV	79°, 81%, 84%
XYZ	39.3814, 56.3311, 10.8049
YIQ	178.9040, 23.9910, -65.8730

Conversions

Conversions Part 2

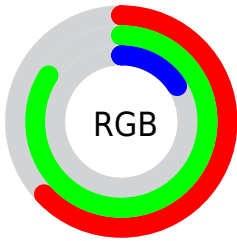
Format	Color
RYB	40, 215, 94
Decimal	10606376
CIELab	79.80, -40.19, 72.58
CIELCh	80, 82.964, 118.972
Yxy	56.3311, 0.3697, 0.5288
Android (android.graphics.Color)	4288796456 (0xFFA1D728)
YUV	178.9040, -68.4797, -15.7018
Hunter-Lab	75.0540, -37.6843, 44.0024

Details

The XYZ color **39.3814, 56.3311, 10.8049** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **17.6430, 8.8052, 65.0629**, and the grayscale version is **43.1428, 45.3896, 49.4292**.

A 20% lighter version of the original color is **67.6735, 87.6950, 25.9304**, and **18.2797, 28.0847, 4.4574** is the 20% darker color. If you saturate the color by 10%, you get **37.8110, 55.5545, 9.3246**, and if you desaturate by 10%, it is **41.2286, 57.2306, 13.3608**.

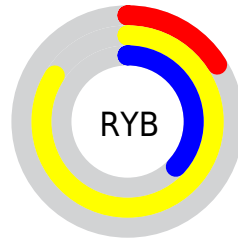
Distribution



Red (63%)

Green (84%)

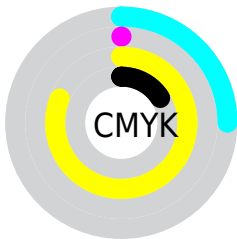
Blue (16%)



Red (16%)

Yellow (84%)

Blue (37%)

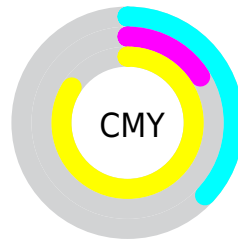


Cyan (25%)

Magenta (0%)

Yellow (81%)

Black (16%)



Cyan (37%)


Magenta (16%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3814, 56.3311, 10.8049 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 39.3814, 56.3311, 10.8049 by changing the saturation by 10% instead.


 39.3814, 56.3311,
10.8049


 39.3814, 56.3311,
10.8049


334.6886,
410.9381, 207.0133


 27.2386, 40.4684,
5.8233


 73.5110, 99.4885,
27.9299

 17.8900, 27.9040,
2.6709

 96.2284, 127.5521,
40.9104


 10.9703, 18.2533,
0.9287


 123.2015,
160.4514, 57.3943

 6.1140, 11.1320,
0.0000

 154.7956,
198.5708, 77.8001

 2.9558, 6.1557,
0.0000

 191.3760,
242.2948, 102.5464

 1.1305, 2.9400,
0.0000

 233.3080,

 0.0504, 1.1005,

292.0078, 132.0516

0.0000

280.9571,
348.0941, 166.7344

■ 0.0000, 0.0000,
0.0000

■ 39.3814, 56.3311,
10.8049

■ 39.3814, 56.3311,
10.8049

■ 37.8110, 55.5545,
9.3246

■ 41.2286, 57.2306,
13.3608

■ 36.6328, 54.9602,
8.6776

■ 43.3792, 58.2577,
17.1442

■ 45.8602, 59.4255,
22.2863

■ 48.6943, 60.7431,
28.9006

■ 51.9017, 62.2186,
37.0886

■ 55.5009, 63.8597,
46.9431

■ 59.5091, 65.6732,
58.5492

■ 63.9423, 67.6658,
71.9867

■ 68.8157, 69.8436,
87.3302

Harmonies

Analogous

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



54.1220, 56.3311, 7.5663



39.3814, 56.3311, 10.8049



30.3753, 56.3311, 24.9652

Triad

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



39.3814, 56.3311, 10.8049



38.5700, 56.3311, 179.5103



92.7222, 56.3311, 63.0080

Complementary

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



39.3814, 56.3311, 10.8049



17.6430, 8.8052, 65.0629

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.



86.2286, 56.3311, 122.3725



39.3814, 56.3311, 10.8049



52.9642, 56.3311, 207.9163

Square

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



39.3814, 56.3311, 10.8049



29.9802, 56.3311, 117.8774



70.7431, 56.3311, 182.9242



87.0265, 56.3311, 26.5759

Rectangle

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



39.3814, 56.3311, 10.8049



27.7018, 56.3311, 45.3001



70.7431, 56.3311, 182.9242



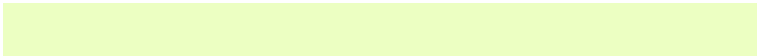
91.8730, 56.3311, 80.7670

Sweetspot

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



39.3827, 56.3336, 10.8061



80.1048, 93.2583, 64.6999



32.2802, 22.3437, 4.6197



16.7363, 19.7745, 12.7252



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.



39.3827, 56.3336, 10.8061



54.1202, 80.9818, 12.9251



27.5871, 50.2528, 10.2541



13.0826, 14.3188, 13.2350



22.0227, 32.9294, 5.1953



1.4113, 2.0289, 0.3172

Inverse Universe

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



17.6430, 8.8052, 65.0629



21.6043, 9.1345, 95.2322



31.8492, 16.1287, 65.7277



12.0995, 12.1927, 15.6532



8.7902, 3.6840, 38.7009



0.6141, 0.2655, 2.3382

Previews

White Background



This preview shows how the XYZ color 39.3814, 56.3311, 10.8049 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 39.3814, 56.3311, 10.8049 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 39.3814, 56.3311, 10.8049

Background



This preview shows how black text looks on a background with the XYZ color 39.3814, 56.3311, 10.8049.



This preview shows how white text looks on a background with the XYZ color 39.3814, 56.3311,

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

39.3814, 56.3311, 10.8049

Protanopia

50.6217, 56.0391, 9.7387

Deuteranopia

56.8177, 55.5906, 11.3499



Tritanopia

51.8713, 55.9697, 73.0351

Trichromacy



Original Color

39.3814, 56.3311, 10.8049

Protanomaly

45.7462, 55.5987, 10.0708

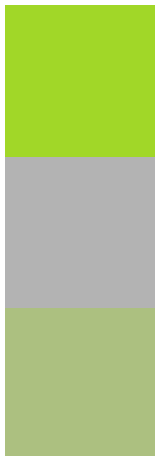
Deuteranomaly

48.8609, 54.7617, 11.0124

Tritanomaly

44.7324, 54.8139, 37.9283

Monochromacy



Original Color

39.3814, 56.3311, 10.8049

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

39.7592, 48.0284, 27.5970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3814, 56.3311, 10.8049 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(161, 215, 40)` looks like.

```
.text, #text, p{  
    color:rgb(161, 215, 40)  
}
```

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(161, 215, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 215, 40) }
```

Border

The CSS property to change the border of an element to XYZ 39.3814, 56.3311, 10.8049 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(161, 215, 40) }
```


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

```
.border{ border-color:rgb(161, 215, 40) }
```

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

Here you see how a box with a 4 pixel rgb(161, 215, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 215, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 215, 40);  
box-shadow:4px 4px 4px 4px rgb(161, 215,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3814, 56.3311, 10.8049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 215, 40) }
```

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

```
.background{ background-color: rgb(161,  
215, 40) }
```

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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