

Converting Colors

$Y_{xy}(39.6061, 0.3881, 0.5259)$

Have a look what the booklet for
Yxy(39.6061, 0.3881, 0.5259)
contains.

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Color

Yxy(39.5608, 0.3879, 0.5260)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 96B50D |
| RGB | 150, 181, 13 |
| RGB Percent | 59%, 71%, 5% |
| CMY | 0.4118, 0.2902, 0.9494 |
| CMYK | 0.17, 0.00, 0.93, 0.29 |
| HSL | 71°, 87%, 38% |
| HSV | 71°, 93%, 71% |
| XYZ | 29.1742, 39.5608, 6.4756 |
| YIQ | 152.5790, 35.4520, -58.8200 |

Conversions

Conversions Part 2

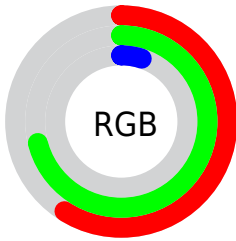
| Format | Color |
|-------------------------------------|---|
| RYB | 13, 181, 44 |
| Decimal | 9876749 |
| CIELab | 69.16, -29.77, 68.75 |
| CIELCh | 69, 74.921, 113.413 |
| Yxy | 39.5608, 0.3879, 0.5260 |
| Android (android.graphics.Color) | 4288066829 (0xFF96B50D) |
| YUV | 152.5790, -68.8124, -2.2618 |
| Hunter-Lab | 62.8974, -27.2753, 37.9239 |

Details

The Yxy color **39.5608, 0.3879, 0.5260** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4.1555, 0.1650, 0.0720**, and the grayscale version is **31.9526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5875, 0.3810, 0.4916**, and **17.8180, 0.3744, 0.5409** is the 20% darker color. If you saturate the color by 10%, you get **39.3101, 0.3871, 0.5308**, and if you desaturate by 10%, it is **39.9540, 0.3875, 0.5165**.

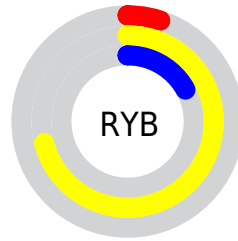
Distribution



Red (59%)

Green (71%)

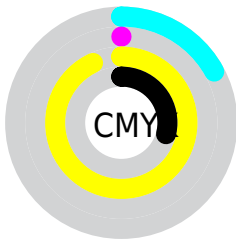
Blue (5%)



Red (5%)

Yellow (71%)

Blue (17%)

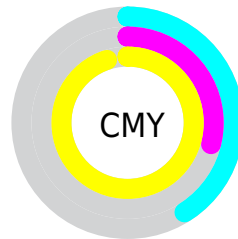


Cyan (17%)

Magenta (0%)

Yellow (93%)

Black (29%)



Cyan (41%)


Magenta (29%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5608, 0.3879, 0.5260 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 Yxy color 39.5608, 0.3879, 0.5260 by changing the saturation by 10% instead.

 39.5608, 0.3879,
0.5260


 39.5608, 0.3879,
0.5260


344.2689, 0.3594,
0.4266


 27.1963, 0.3901,
0.5481


 74.4943, 0.3808,
0.4912


 17.7207, 0.3897,
0.5738


 97.8320, 0.3771,
0.4776

 10.7496, 0.3888,
0.6112


 125.5962, 0.3735,
0.4660

 5.8987, 0.3661,
0.6339

 158.1713, 0.3702,
0.4559

 2.7836, 0.3303,
0.6697

 195.9418, 0.3671,
0.4471

 1.0198, 0.1883,
0.8117

 239.2919, 0.3643,

 0.0000, 0.0000,

0.4394

0.0000

288.6062, 0.3617,
0.4326

■ 39.5608, 0.3879,
0.5260

■ 39.5608, 0.3879,
0.5260

■ 39.3101, 0.3871,
0.5308

■ 39.9540, 0.3875,
0.5165

■ 40.4080, 0.3845,
0.5025

■ 40.9327, 0.3791,
0.4842

■ 41.5345, 0.3714,
0.4625

■ 42.2193, 0.3619,
0.4382

■ 42.9922, 0.3511,
0.4126

■ 43.8581, 0.3396,
0.3864

■ 44.8212, 0.3278,
0.3606

■ 45.8857, 0.3160,
0.3359

Harmonies

Analogous

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



39.5608, 0.4740, 0.4653



39.5608, 0.3879, 0.5260



39.5608, 0.2890, 0.5202

Triad

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



39.5608, 0.3879, 0.5260



39.5608, 0.1372, 0.2130



39.5608, 0.4192, 0.2535

Complementary

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



39.5608, 0.3879, 0.5260



4.1555, 0.1650, 0.0720

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.



39.5608, 0.3050, 0.2035



39.5608, 0.3879, 0.5260



39.5608, 0.1578, 0.1782

Square

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



39.5608, 0.3879, 0.5260



39.5608, 0.1498, 0.2937



39.5608, 0.2127, 0.1771



39.5608, 0.5062, 0.3182

Rectangle

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



39.5608, 0.3879, 0.5260



39.5608, 0.2276, 0.4601



39.5608, 0.2127, 0.1771



39.5608, 0.3812, 0.2346

Sweetspot

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



39.5626, 0.3879, 0.5260



77.6555, 0.3461, 0.4011



11.6343, 0.6026, 0.3502



16.6458, 0.3510, 0.4122



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.5626, 0.3879, 0.5260



70.3075, 0.3866, 0.5312



34.2414, 0.3191, 0.5795



9.8259, 0.3236, 0.3517



27.1261, 0.3875, 0.5305



0.8741, 0.3970, 0.5230

Inverse Universe

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



4.1555, 0.1650, 0.0720



6.4944, 0.1576, 0.0642



8.1937, 0.2481, 0.1172



8.3030, 0.3013, 0.3057



2.5499, 0.1595, 0.0652



0.1027, 0.1847, 0.0791

Previews

White Background



This preview shows how the Yxy color 39.5608, 0.3879, 0.5260 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 Yxy color 39.5608, 0.3879, 0.5260 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](#).

Yxy 39.5608, 0.3879, 0.5260

Background



This preview shows how black text looks on a background with the Yxy color 39.5608, 0.3879, 0.5260.



This preview shows how white text looks on a background with the Yxy color 39.5608, 0.3879, 0.5260.

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

39.5608, 0.3879, 0.5260

Protanopia

39.3231, 0.4402, 0.4887

Deuteranopia

39.2542, 0.4639, 0.4551



Tritanopia

39.3820, 0.2984, 0.3096

Trichromacy



Original Color

39.5608, 0.3879, 0.5260

Protanomaly

39.0121, 0.4207, 0.5026

Deuteranomaly

38.8987, 0.4358, 0.4820

Tritanomaly

38.7412, 0.3445, 0.4058

Monochromacy



Original Color

39.5608, 0.3879, 0.5260

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.8291, 0.3561, 0.4235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5608, 0.3879, 0.5260 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(150, 181, 13)` looks like.

```
.text, #text, p{  
    color:rgb(150, 181, 13)  
}
```

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(150, 181, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 181, 13) }
```

Border

The CSS property to change the border of an element to Yxy 39.5608, 0.3879, 0.5260 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(150, 181, 13) }
```

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

```
.border{ border-color:rgb(150, 181, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 181, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 181, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 181, 13);  
box-shadow:4px 4px 4px 4px rgb(150, 181,  
13) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5608, 0.3879, 0.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 181, 13) }
```

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

```
.background{ background-color: rgb(150,  
181, 13) }
```

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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