

Converting Colors

$Y_{xy}(39.3144, 0.4017, 0.5192)$

Have a look what the booklet for
Yxy(39.3144, 0.4017, 0.5192)
contains.

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Color

Yxy(39.3144, 0.4017, 0.5192)

Conversions

Conversions Part 1

Format	Color
Hex	A0B200
RGB	160, 178, 0
RGB Percent	63%, 70%, 0%
CMY	0.3726, 0.3019, 0.9993
CMYK	0.10, 0.00, 1.00, 0.30
HSL	66°, 100%, 35%
HSV	66°, 100%, 70%
XYZ	30.4172, 39.3144, 5.9895
YIQ	152.3260, 46.4100, -59.1740

Conversions

Conversions Part 2

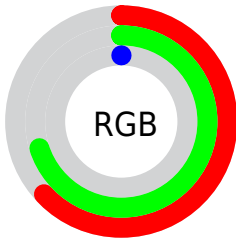
Format	Color
RYB	0, 178, 18
Decimal	10531328
CIELab	68.98, -24.28, 70.45
CIELCh	69, 74.519, 109.018
Yxy	39.3144, 0.4017, 0.5192
Android (android.graphics.Color)	4288721408 (0xFFA0B200)
YUV	152.3260, -75.0967, 6.7301
Hunter-Lab	62.7012, -23.1344, 38.2272

Details

The Yxy color **39.3144, 0.4017, 0.5192** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **3.3485, 0.1536, 0.0620**, and the grayscale version is **31.8727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3011, 0.3918, 0.4875**, and **17.6103, 0.3909, 0.5278** is the 20% darker color. If you saturate the color by 10%, you get **39.3141, 0.4017, 0.5192**, and if you desaturate by 10%, it is **39.5466, 0.4011, 0.5135**.

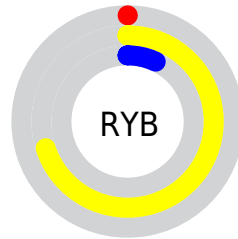
Distribution



Red (63%)

Green (70%)

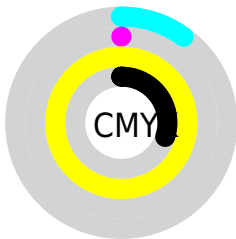
Blue (0%)



Red (0%)

Yellow (70%)

Blue (7%)

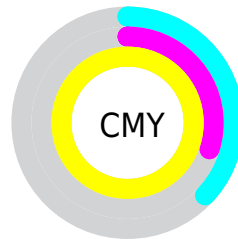


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (30%)



Cyan (37%)


Magenta (30%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3144, 0.4017, 0.5192 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 39.3144, 0.4017, 0.5192 by changing the saturation by 10% instead.

 39.3144, 0.4017,
0.5192


 39.3144, 0.4017,
0.5192


343.2253, 0.3663,
0.4252

 27.0044, 0.4055,
0.5392


 74.1184, 0.3922,
0.4870

 17.5765, 0.4068,
0.5619

 97.3811, 0.3876,
0.4741

 10.6464, 0.4073,
0.5927


 125.0636, 0.3832,
0.4630

 5.8296, 0.3888,
0.6112

 157.5502, 0.3792,
0.4534

 2.7417, 0.3595,
0.6405

 195.2252, 0.3755,
0.4450

 0.9984, 0.2606,
0.7394

 238.4732, 0.3722,

 0.0000, 0.0000,

0.4376

0.0000

287.6784, 0.3691,
0.4310

■ 39.3144, 0.4017,
0.5192

■ 39.3144, 0.4017,
0.5192

■ 39.3141, 0.4017,
0.5192

■ 39.5466, 0.4011,
0.5135

■ 39.8189, 0.3985,
0.5043

■ 40.1478, 0.3933,
0.4907

■ 40.5405, 0.3857,
0.4731

■ 41.0030, 0.3759,
0.4521

■ 41.5406, 0.3645,
0.4286

■ 42.1581, 0.3519,
0.4037

■ 42.8598, 0.3388,
0.3782

■ 43.6499, 0.3256,
0.3531

Harmonies

Analogous

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



39.3144, 0.4838, 0.4541



39.3144, 0.4017, 0.5192



39.3144, 0.3036, 0.5267

Triad

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



39.3144, 0.4017, 0.5192



39.3144, 0.1373, 0.2220



39.3144, 0.4024, 0.2452

Complementary

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



39.3144, 0.4017, 0.5192



3.3485, 0.1536, 0.0620

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.



39.3144, 0.2894, 0.1984



39.3144, 0.4017, 0.5192



39.3144, 0.1531, 0.1814

Square

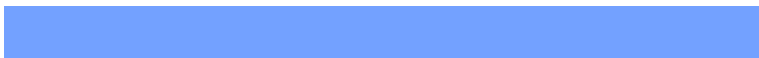
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.3144, 0.4017, 0.5192



39.3144, 0.1552, 0.3100



39.3144, 0.2026, 0.1758



39.3144, 0.4968, 0.3083

Rectangle

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



39.3144, 0.4017, 0.5192



39.3144, 0.2405, 0.4760



39.3144, 0.2026, 0.1758



39.3144, 0.3640, 0.2273

Sweetspot

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



39.3162, 0.4017, 0.5192



76.3728, 0.3527, 0.4052



9.8970, 0.6317, 0.3365



16.8138, 0.3580, 0.4157



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.



39.3162, 0.4017, 0.5192



71.2304, 0.4014, 0.5195



33.1945, 0.3243, 0.5806



9.8621, 0.3248, 0.3516



28.1434, 0.4019, 0.5191



0.8980, 0.4071, 0.5150

Inverse Universe

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



3.3485, 0.1536, 0.0620



6.0172, 0.1529, 0.0616



6.3359, 0.2235, 0.1005



8.2700, 0.3000, 0.3056



2.4057, 0.1541, 0.0622



0.0890, 0.1697, 0.0709

Previews

White Background



This preview shows how the Yxy color 39.3144, 0.4017, 0.5192 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 39.3144, 0.4017, 0.5192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

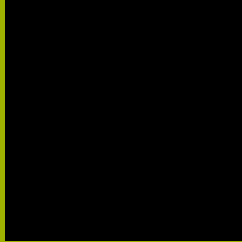
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3144, 0.4017, 0.5192

Background



This preview shows how black text looks on a background with the Yxy color 39.3144, 0.4017, 0.5192.



This preview shows how white text looks on a background with the Yxy color 39.3144, 0.4017, 0.5192.

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

39.3144, 0.4017, 0.5192

Protanopia

39.3231, 0.4402, 0.4887

Deuteranopia

38.8871, 0.4664, 0.4558



Tritanopia

39.0089, 0.3090, 0.3112

Trichromacy



Original Color

39.3144, 0.4017, 0.5192

Protanomaly

39.0888, 0.4263, 0.4997

Deuteranomaly

38.6569, 0.4435, 0.4796

Tritanomaly

38.2665, 0.3602, 0.4114

Monochromacy



Original Color

39.3144, 0.4017, 0.5192

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

33.3214, 0.3644, 0.4273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3144, 0.4017, 0.5192 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(160, 178, 0)` looks like.

```
.text, #text, p{  
    color:rgb(160, 178, 0)  
}
```

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(160, 178, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 178, 0) }
```

Border

The CSS property to change the border of an element to Yxy 39.3144, 0.4017, 0.5192 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(160, 178, 0) }
```

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

```
.border{ border-color:rgb(160, 178, 0) }
```

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

Here you see how a box with a 4 pixel rgb(160, 178, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 178, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 178, 0);  
box-shadow:4px 4px 4px 4px rgb(160, 178,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3144, 0.4017, 0.5192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 178, 0) }
```

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

```
.background{ background-color: rgb(160,  
178, 0) }
```

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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