

Converting Colors

Yxy(38.9633, 0.5018, 0.4357)

Have a look what the booklet for
Yxy(38.9633, 0.5018, 0.4357)
contains.

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Color

Yxy(39.1915, 0.5015, 0.4358)

Conversions

Conversions Part 1

Format	Color
Hex	EB950F
RGB	235, 149, 15
RGB Percent	92%, 58%, 6%
CMY	0.0783, 0.4157, 0.9412
CMYK	0.00, 0.37, 0.94, 0.08
HSL	37°, 88%, 49%
HSV	37°, 94%, 92%
XYZ	45.0999, 39.1915, 5.6386
YIQ	159.4380, 94.2700, -23.4420

Conversions

Conversions Part 2

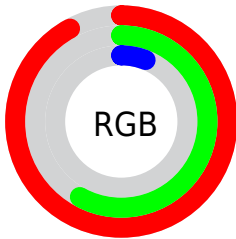
Format	Color
RYB	156, 235, 15
Decimal	15439119
CIELab	68.89, 24.08, 71.81
CIELCh	69, 75.744, 71.462
Yxy	39.1915, 0.5015, 0.4358
Android (android.graphics.Color)	4293629199 (0xFFEB950F)
YUV	159.4380, -71.2079, 66.2679
Hunter-Lab	62.6031, 19.0377, 38.4820

Details

The Yxy color **39.1915, 0.5015, 0.4358** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark washed orange. A complement of this color would be **15.4100, 0.1714, 0.1331**, and the grayscale version is **35.1831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5660, 0.4404, 0.4437**, and **17.6196, 0.5207, 0.4247** is the 20% darker color. If you saturate the color by 10%, you get **37.3520, 0.5109, 0.4326**, and if you desaturate by 10%, it is **42.3252, 0.4844, 0.4373**.

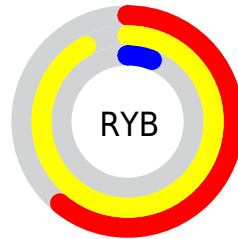
Distribution



Red (92%)

Green (58%)

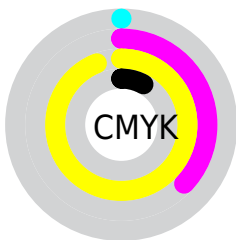
Blue (6%)



Red (61%)

Yellow (92%)

Blue (6%)

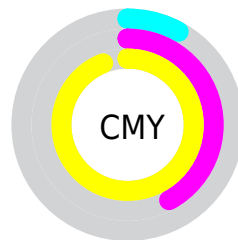


Cyan (0%)

Magenta (37%)

Yellow (94%)

Black (8%)



Cyan (8%)


Magenta (42%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1915, 0.5015, 0.4358 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 39.1915, 0.5015, 0.4358 by changing the saturation by 10% instead.


 39.1915, 0.5015,
0.4358


 39.1915, 0.5015,
0.4358


342.7040, 0.4135,
0.3959


 26.9087, 0.5185,
0.4396


 73.9308, 0.4728,
0.4257

 17.5047, 0.5370,
0.4410


 97.1561, 0.4609,
0.4205


 10.5950, 0.5597,
0.4403


 124.7977, 0.4504,
0.4156

 5.7952, 0.5747,
0.4253

 157.2400, 0.4412,
0.4110

 2.7209, 0.5974,
0.4026

 194.8673, 0.4331,
0.4067

 0.9878, 0.6357,
0.3643

 238.0642, 0.4258,

 0.0000, 1.0000,

0.4028

0.0000

287.2150, 0.4193,
0.3992

■ 0.0000, 0.0000,
0.0000

■ 39.1915, 0.5015,
0.4358

■ 39.1915, 0.5015,
0.4358

■ 37.3520, 0.5109,
0.4326

■ 42.3252, 0.4844,
0.4373

■ 45.7873, 0.4642,
0.4335

■ 49.6003, 0.4418,
0.4250

■ 53.7817, 0.4186,
0.4128

■ 58.3473, 0.3956,
0.3982

■ 63.3113, 0.3737,
0.3823

■ 68.6872, 0.3534,
0.3660

■ 74.4874, 0.3349,
0.3499

■ 80.7236, 0.3183,
0.3344

Harmonies

Analogous

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



39.1915, 0.5281, 0.3605



39.1915, 0.5015, 0.4358



39.1915, 0.4257, 0.5081

Triad

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



39.1915, 0.5015, 0.4358



39.1915, 0.1636, 0.3399



39.1915, 0.2633, 0.1884

Complementary

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



39.1915, 0.5015, 0.4358



15.4100, 0.1714, 0.1331

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.



39.1915, 0.1849, 0.1724



39.1915, 0.5015, 0.4358



39.1915, 0.1362, 0.2376

Square

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



39.1915, 0.5015, 0.4358



39.1915, 0.2319, 0.4698



39.1915, 0.1440, 0.1858



39.1915, 0.3743, 0.2301

Rectangle

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



39.1915, 0.5015, 0.4358



39.1915, 0.3618, 0.5364



39.1915, 0.1440, 0.1858



39.1915, 0.2328, 0.1801

Sweetspot

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



39.1935, 0.5015, 0.4358



79.6888, 0.3623, 0.3733



18.9862, 0.5238, 0.2696



16.4643, 0.3713, 0.3804



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



39.1935, 0.5015, 0.4358



44.8043, 0.5114, 0.4322



73.6121, 0.4017, 0.5166



16.5809, 0.3278, 0.3433



21.0393, 0.5090, 0.4340



1.8383, 0.4932, 0.4466

Inverse Universe

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



15.4100, 0.1714, 0.1331



16.2759, 0.1667, 0.1202



6.7336, 0.1566, 0.0662



15.5149, 0.2980, 0.3143



7.8172, 0.1678, 0.1239



0.7961, 0.1754, 0.1514

Previews

White Background



This preview shows how the Yxy color 39.1915, 0.5015, 0.4358 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 39.1915, 0.5015, 0.4358 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 39.1915, 0.5015, 0.4358

Background



This preview shows how black text looks on a background with the Yxy color 39.1915, 0.5015, 0.4358.



This preview shows how white text looks on a background with the Yxy color 39.1915, 0.5015, 0.4358.

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

39.1915, 0.5015, 0.4358

Protanopia

39.3810, 0.4368, 0.4836

Deuteranopia

39.2877, 0.4720, 0.4634



Tritanopia

39.3359, 0.4120, 0.3182

Trichromacy



Original Color

39.1915, 0.5015, 0.4358

Protanomaly

39.0095, 0.4603, 0.4665

Deuteranomaly

39.1600, 0.4831, 0.4533

Tritanomaly

38.9157, 0.4602, 0.3753

Monochromacy



Original Color

39.1915, 0.5015, 0.4358

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.0690, 0.3928, 0.3950

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1915, 0.5015, 0.4358 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(235, 149, 15)` looks like.

```
.text, #text, p{  
    color:rgb(235, 149, 15)  
}
```

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(235, 149, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 149, 15) }
```

Border

The CSS property to change the border of an element to Yxy 39.1915, 0.5015, 0.4358 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(235, 149, 15) }
```

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

```
.border{ border-color:rgb(235, 149, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 149, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 149, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 149, 15);  
box-shadow:4px 4px 4px 4px rgb(235, 149,  
15) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1915, 0.5015, 0.4358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 149, 15) }
```

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

```
.background{ background-color: rgb(235,  
149, 15) }
```

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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