

Converting Colors

$Y_{xy}(35.1461, 0.3801, 0.5313)$

Have a look what the booklet for
Yxy(35.1461, 0.3801, 0.5313)
contains.

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Color

$\text{Yxy}(35.1531, 0.3803, 0.5310)$

Conversions

Conversions Part 1

Format	Color
Hex	88AD0E
RGB	136, 173, 14
RGB Percent	53%, 68%, 5%
CMY	0.4666, 0.3216, 0.9452
CMYK	0.21, 0.00, 0.92, 0.32
HSL	74°, 85%, 37%
HSV	74°, 92%, 68%
XYZ	25.1765, 35.1531, 5.8721
YIQ	143.8110, 28.9870, -57.2930

Conversions

Conversions Part 2

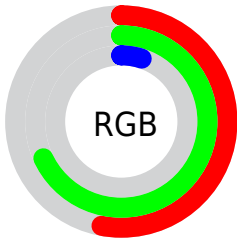
Format	Color
RYB	14, 173, 51
Decimal	8957198
CIELab	65.87, -31.77, 65.59
CIELCh	66, 72.876, 115.842
Yxy	35.1531, 0.3803, 0.5310
Android (android.graphics.Color)	4287147278 (0xFF88AD0E)
YUV	143.8110, -63.9968, -6.8502
Hunter-Lab	59.2900, -27.9606, 35.6309

Details

The Yxy color **35.1531, 0.3803, 0.5310** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4.0334, 0.1712, 0.0762**, and the grayscale version is **28.0633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9702, 0.3741, 0.4938**, and **15.1823, 0.3651, 0.5483** is the 20% darker color. If you saturate the color by 10%, you get **34.8551, 0.3789, 0.5373**, and if you desaturate by 10%, it is **35.5668, 0.3804, 0.5201**.

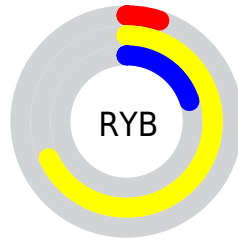
Distribution



Red (53%)

Green (68%)

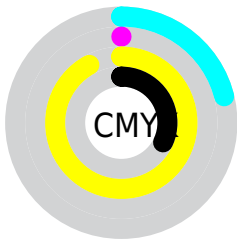
Blue (5%)



Red (5%)

Yellow (68%)

Blue (20%)

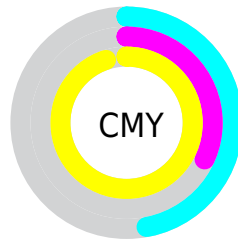


Cyan (21%)

Magenta (0%)

Yellow (92%)

Black (32%)



Cyan (47%)


Magenta (32%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1531, 0.3803, 0.5310 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 35.1531, 0.3803, 0.5310 by changing the saturation by 10% instead.


 35.1531, 0.3803,
0.5310


 35.1531, 0.3803,
0.5310


325.2436, 0.3550,
0.4260


 23.7808, 0.3816,
0.5554


 67.7229, 0.3744,
0.4934


 15.1711, 0.3795,
0.5842


 89.6892, 0.3711,
0.4790


 8.9396, 0.3751,
0.6249


 115.9556, 0.3679,
0.4667

 4.7018, 0.3471,
0.6529

 146.9066, 0.3649,
0.4562

 2.0734, 0.3016,
0.6984

 182.9265, 0.3621,
0.4471

 0.6496, 0.0000,
1.0000

 224.3997, 0.3595,

 0.0000, 0.0000,

0.4391

0.0000

271.7106, 0.3572,
0.4322

■ 35.1531, 0.3803,
0.5310

■ 35.1531, 0.3803,
0.5310

■ 34.8551, 0.3789,
0.5373

■ 35.5668, 0.3804,
0.5201

■ 36.0407, 0.3780,
0.5045

■ 36.5835, 0.3731,
0.4849

■ 37.2010, 0.3661,
0.4620

■ 37.8984, 0.3573,
0.4368

■ 38.6804, 0.3474,
0.4105

■ 39.5512, 0.3367,
0.3841

■ 40.5147, 0.3257,
0.3582

■ 41.5747, 0.3148,
0.3336

Harmonies

Analogous

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



35.1531, 0.4692, 0.4721



35.1531, 0.3803, 0.5310



35.1531, 0.2804, 0.5177

Triad

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



35.1531, 0.3803, 0.5310



35.1531, 0.1362, 0.2074



35.1531, 0.4293, 0.2575

Complementary

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



35.1531, 0.3803, 0.5310



4.0334, 0.1712, 0.0762

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.



35.1531, 0.3138, 0.2057



35.1531, 0.3803, 0.5310



35.1531, 0.1595, 0.1756

Square

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



35.1531, 0.3803, 0.5310



35.1531, 0.1459, 0.2845



35.1531, 0.2178, 0.1769



35.1531, 0.5127, 0.3234

Rectangle

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



35.1531, 0.3803, 0.5310



35.1531, 0.2198, 0.4520



35.1531, 0.2178, 0.1769



35.1531, 0.3914, 0.2381

Sweetspot

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



35.1547, 0.3803, 0.5310



69.7896, 0.3438, 0.4014



11.0651, 0.5925, 0.3565



15.0305, 0.3481, 0.4125



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.1547, 0.3803, 0.5310



62.3192, 0.3782, 0.5379



30.8507, 0.3166, 0.5803



9.2349, 0.3228, 0.3516



25.6319, 0.3794, 0.5370



0.7357, 0.3922, 0.5268

Inverse Universe

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



4.0334, 0.1712, 0.0762



6.1391, 0.1619, 0.0665



7.9152, 0.2565, 0.1223



7.8438, 0.3020, 0.3058



2.5739, 0.1640, 0.0677



0.0961, 0.1952, 0.0849

Previews

White Background



This preview shows how the Yxy color 35.1531, 0.3803, 0.5310 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 35.1531, 0.3803, 0.5310 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 35.1531, 0.3803, 0.5310

Background



This preview shows how black text looks on a background with the Yxy color 35.1531, 0.3803, 0.5310.



This preview shows how white text looks on a background with the Yxy color 35.1531, 0.3803, 0.5310.

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

35.1531, 0.3803, 0.5310

Protanopia

34.8559, 0.4395, 0.4876

Deuteranopia

34.6662, 0.4636, 0.4535



Tritanopia

35.1250, 0.2924, 0.3099

Trichromacy



Original Color

35.1531, 0.3803, 0.5310

Protanomaly

34.8203, 0.4171, 0.5042

Deuteranomaly

34.2225, 0.4329, 0.4822

Tritanomaly

34.2822, 0.3373, 0.4063

Monochromacy



Original Color

35.1531, 0.3803, 0.5310

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

29.9685, 0.3521, 0.4244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1531, 0.3803, 0.5310 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(136, 173, 14)` looks like.

```
.text, #text, p{  
    color:rgb(136, 173, 14)  
}
```

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(136, 173, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 173, 14) }
```

Border

The CSS property to change the border of an element to Yxy 35.1531, 0.3803, 0.5310 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(136, 173, 14) }
```

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

```
.border{ border-color:rgb(136, 173, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 173, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 173, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 173, 14);  
box-shadow:4px 4px 4px 4px rgb(136, 173,  
14) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1531, 0.3803, 0.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 173, 14) }
```

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

```
.background{ background-color: rgb(136,  
173, 14) }
```

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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