

Converting Colors

$Yxy(38.6616, 0.4113, 0.5116)$

Have a look what the booklet for
Yxy(38.6616, 0.4113, 0.5116)
contains.

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Color

Yxy(38.8754, 0.4114, 0.5115)

Conversions

Conversions Part 1

Format	Color
Hex	A7AF00
RGB	167, 175, 0
RGB Percent	65%, 69%, 0%
CMY	0.3451, 0.3137, 0.9994
CMYK	0.05, 0.00, 1.00, 0.31
HSL	63°, 100%, 34%
HSV	63°, 100%, 69%
XYZ	31.2675, 38.8754, 5.8598
YIQ	152.6580, 51.4070, -56.1210

Conversions

Conversions Part 2

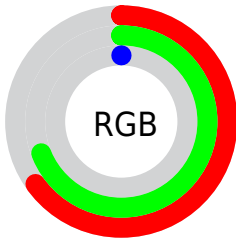
Format	Color
RYB	0, 175, 8
Decimal	10989312
CIELab	68.66, -19.76, 70.46
CIELCh	69, 73.175, 105.664
Yxy	38.8754, 0.4114, 0.5115
Android (android.graphics.Color)	4289179392 (0xFFA7AF00)
YUV	152.6580, -75.2604, 12.5779
Hunter-Lab	62.3501, -19.5981, 38.0729

Details

The Yxy color **38.8754, 0.4114, 0.5115** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3.1514, 0.1515, 0.0609**, and the grayscale version is **32.0244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3124, 0.4003, 0.4808**, and **17.4809, 0.4015, 0.5194** is the 20% darker color. If you saturate the color by 10%, you get **38.8761, 0.4114, 0.5115**, and if you desaturate by 10%, it is **39.0069, 0.4098, 0.5067**.

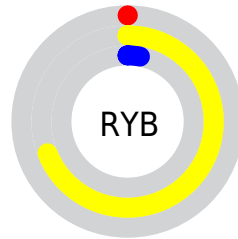
Distribution



Red (65%)

Green (69%)

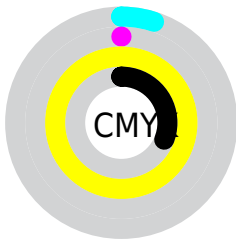
Blue (0%)



Red (0%)

Yellow (69%)

Blue (3%)

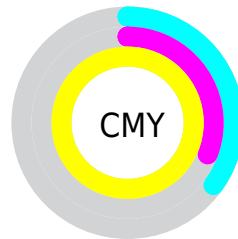


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (35%)


Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8754, 0.4114, 0.5115 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 38.8754, 0.4114, 0.5115 by changing the saturation by 10% instead.


 38.8754, 0.4114,
0.5115

 38.8754, 0.4114,
0.5115


341.3605, 0.3708,
0.4225


 26.6628, 0.4165,
0.5300


 73.4479, 0.4000,
0.4813


 17.3201, 0.4197,
0.5505


 96.5767, 0.3946,
0.4692

 10.4630, 0.4223,
0.5777


 124.1129, 0.3896,
0.4587

 5.7070, 0.4072,
0.5928

 156.4410, 0.3851,
0.4495

 2.6678, 0.3831,
0.6169

 193.9455, 0.3810,
0.4415

 0.9608, 0.3087,
0.6913

 237.0106, 0.3772,

 0.0000, 0.0000,

0.4344

0.0000

286.0208, 0.3738,
0.4281

■ 38.8754, 0.4114,
0.5115

■ 38.8754, 0.4114,
0.5115

■ 38.8761, 0.4114,
0.5115

■ 39.0069, 0.4098,
0.5067

■ 39.1747, 0.4062,
0.4986

■ 39.3949, 0.4000,
0.4862

■ 39.6743, 0.3914,
0.4697

■ 40.0187, 0.3806,
0.4497

■ 40.4331, 0.3682,
0.4271

■ 40.9222, 0.3547,
0.4029

■ 41.4901, 0.3406,
0.3779

■ 42.1408, 0.3264,
0.3530

Harmonies

Analogous

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



38.8754, 0.4891, 0.4450



38.8754, 0.4114, 0.5115



38.8754, 0.3151, 0.5275

Triad

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



38.8754, 0.4114, 0.5115



38.8754, 0.1394, 0.2307



38.8754, 0.3887, 0.2401

Complementary

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



38.8754, 0.4114, 0.5115



3.1514, 0.1515, 0.0609

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.



38.8754, 0.2785, 0.1960



38.8754, 0.4114, 0.5115



38.8754, 0.1515, 0.1856

Square

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



38.8754, 0.4114, 0.5115



38.8754, 0.1615, 0.3233



38.8754, 0.1966, 0.1766



38.8754, 0.4865, 0.3014

Rectangle

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



38.8754, 0.4114, 0.5115



38.8754, 0.2516, 0.4848



38.8754, 0.1966, 0.1766



38.8754, 0.3506, 0.2230

Sweetspot

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



38.8772, 0.4114, 0.5115



73.2303, 0.3556, 0.4044



9.2446, 0.6373, 0.3320



16.1929, 0.3612, 0.4145



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



38.8772, 0.4114, 0.5115



69.5962, 0.4113, 0.5116



32.4442, 0.3325, 0.5741



9.3113, 0.3256, 0.3515



27.8469, 0.4115, 0.5115



0.7802, 0.4140, 0.5095

Inverse Universe

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



3.1514, 0.1515, 0.0609



5.6103, 0.1511, 0.0606



5.4473, 0.2094, 0.0928



7.7741, 0.2992, 0.3056



2.2610, 0.1518, 0.0610



0.0684, 0.1596, 0.0653

Previews

White Background



This preview shows how the Yxy color 38.8754, 0.4114, 0.5115 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 38.8754, 0.4114, 0.5115 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 38.8754, 0.4114, 0.5115

Background



This preview shows how black text looks on a background with the Yxy color 38.8754, 0.4114, 0.5115.



This preview shows how white text looks on a background with the Yxy color 38.8754, 0.4114, 0.5115.

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

38.8754, 0.4114, 0.5115

Protanopia

38.8241, 0.4403, 0.4886

Deuteranopia

38.7290, 0.4660, 0.4573



Tritanopia

38.8732, 0.3172, 0.3128

Trichromacy



Original Color

38.8754, 0.4114, 0.5115

Protanomaly

38.9496, 0.4293, 0.4973

Deuteranomaly

38.5560, 0.4467, 0.4775

Tritanomaly

37.8991, 0.3703, 0.4084

Monochromacy



Original Color

38.8754, 0.4114, 0.5115

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.6219, 0.3676, 0.4262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8754, 0.4114, 0.5115 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(167, 175, 0)` looks like.

```
.text, #text, p{  
    color:rgb(167, 175, 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(167, 175, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 175, 0) }
```

Border

The CSS property to change the border of an element to Yxy 38.8754, 0.4114, 0.5115 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(167, 175, 0) }
```

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

```
.border{ border-color:rgb(167, 175, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 175, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 175, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 175, 0);  
box-shadow:4px 4px 4px 4px rgb(167, 175,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8754, 0.4114, 0.5115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 175, 0) }
```

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

```
.background{ background-color: rgb(167,  
175, 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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