

Converting Colors

$Y_{xy}(34.4059, 0.3858, 0.5240)$

Have a look what the booklet for
Yxy(34.4059, 0.3858, 0.5240)
contains.

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Color

Yxy(34.3719, 0.3858, 0.5240)

Conversions

Conversions Part 1

Format	Color
Hex	8CAA13
RGB	140, 170, 19
RGB Percent	55%, 67%, 7%
CMY	0.4510, 0.3333, 0.9255
CMYK	0.18, 0.00, 0.89, 0.33
HSL	72°, 80%, 37%
HSV	72°, 89%, 67%
XYZ	25.3066, 34.3719, 5.9167
YIQ	143.8160, 30.5910, -53.3210

Conversions

Conversions Part 2

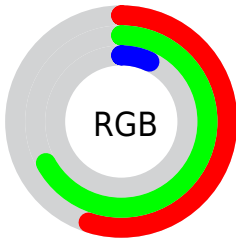
Format	Color
RYB	19, 170, 49
Decimal	9218579
CIELab	65.26, -28.58, 64.34
CIELCh	65, 70.406, 113.950
Yxy	34.3719, 0.3858, 0.5240
Android (android.graphics.Color)	4287408659 (0xFF8CAA13)
YUV	143.8160, -61.5343, -3.3466
Hunter-Lab	58.6276, -25.5485, 35.0557

Details

The Yxy color **34.3719, 0.3858, 0.5240** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4.0221, 0.1713, 0.0787**, and the grayscale version is **28.0559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3453, 0.3784, 0.4874**, and **14.8882, 0.3725, 0.5424** is the 20% darker color. If you saturate the color by 10%, you get **34.0418, 0.3849, 0.5318**, and if you desaturate by 10%, it is **34.7519, 0.3845, 0.5123**.

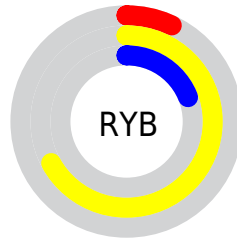
Distribution



Red (55%)

Green (67%)

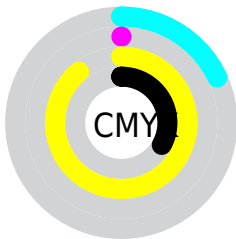
Blue (7%)



Red (7%)

Yellow (67%)

Blue (19%)

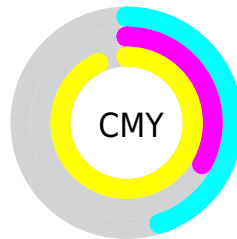


Cyan (18%)

Magenta (0%)

Yellow (89%)

Black (33%)



Cyan (45%)


Magenta (33%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3719, 0.3858, 0.5240 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 34.3719, 0.3858, 0.5240 by changing the saturation by 10% instead.


 34.3719, 0.3858,
0.5240


 34.3719, 0.3858,
0.5240


321.7872, 0.3570,
0.4228


 23.1794, 0.3882,
0.5474


 66.5116, 0.3784,
0.4878


 14.7261, 0.3876,
0.5750


 88.2276, 0.3746,
0.4739

 8.6274, 0.3855,
0.6145


 114.2203, 0.3710,
0.4621

 4.4989, 0.3598,
0.6402

 144.8740, 0.3677,
0.4519

 1.9564, 0.3173,
0.6827

 180.5732, 0.3646,
0.4432

 0.5819, 0.0000,
1.0000

 221.7021, 0.3618,

 0.0000, 0.0000,

0.4355

0.0000

268.6453, 0.3593,
0.4288

■ 34.3719, 0.3858,
0.5240

■ 34.3719, 0.3858,
0.5240

■ 34.0418, 0.3849,
0.5318

■ 34.7519, 0.3845,
0.5123

■ 34.0038, 0.3848,
0.5327

■ 35.1888, 0.3807,
0.4961

■ 35.6903, 0.3746,
0.4760

■ 36.2619, 0.3663,
0.4529

■ 36.9082, 0.3565,
0.4278

■ 37.6336, 0.3457,
0.4018

■ 38.4419, 0.3343,
0.3757

■ 39.3369, 0.3227,
0.3504

■ 40.3219, 0.3114,
0.3262

Harmonies

Analogous

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



34.3719, 0.4711, 0.4654



34.3719, 0.3858, 0.5240



34.3719, 0.2880, 0.5158

Triad

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



34.3719, 0.3858, 0.5240



34.3719, 0.1392, 0.2137



34.3719, 0.4196, 0.2555

Complementary

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



34.3719, 0.3858, 0.5240



4.0221, 0.1713, 0.0787

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.



34.3719, 0.3071, 0.2057



34.3719, 0.3858, 0.5240



34.3719, 0.1602, 0.1797

Square

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



34.3719, 0.3858, 0.5240



34.3719, 0.1513, 0.2926



34.3719, 0.2153, 0.1790



34.3719, 0.5044, 0.3199

Rectangle

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



34.3719, 0.3858, 0.5240



34.3719, 0.2275, 0.4557



34.3719, 0.2153, 0.1790



34.3719, 0.3823, 0.2368

Sweetspot

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



34.3735, 0.3858, 0.5240



68.4632, 0.3442, 0.3983



10.6022, 0.5894, 0.3530



15.1656, 0.3479, 0.4070



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.



34.3735, 0.3858, 0.5240



61.5988, 0.3842, 0.5332



29.9857, 0.3211, 0.5733



8.6974, 0.3233, 0.3515



25.0353, 0.3852, 0.5324



0.6278, 0.3972, 0.5228

Inverse Universe

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



4.0221, 0.1713, 0.0787



5.8035, 0.1589, 0.0649



7.5200, 0.2518, 0.1218



7.3697, 0.3016, 0.3059



2.4020, 0.1609, 0.0660



0.0781, 0.1911, 0.0827

Previews

White Background



This preview shows how the Yxy color 34.3719, 0.3858, 0.5240 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 34.3719, 0.3858, 0.5240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

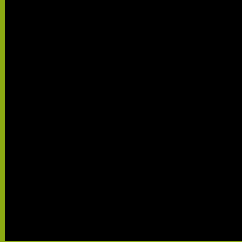
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3719, 0.3858, 0.5240

Background



This preview shows how black text looks on a background with the Yxy color 34.3719, 0.3858, 0.5240.



This preview shows how white text looks on a background with the Yxy color 34.3719, 0.3858, 0.5240.

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

34.3719, 0.3858, 0.5240

Protanopia

33.9532, 0.4381, 0.4849

Deuteranopia

34.0762, 0.4624, 0.4533



Tritanopia

34.2640, 0.2976, 0.3099

Trichromacy



Original Color

34.3719, 0.3858, 0.5240

Protanomaly

33.7706, 0.4189, 0.4995

Deuteranomaly

33.6676, 0.4355, 0.4786

Tritanomaly

33.4912, 0.3411, 0.4014

Monochromacy



Original Color

34.3719, 0.3858, 0.5240

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

29.5230, 0.3533, 0.4177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3719, 0.3858, 0.5240 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(140, 170, 19)` looks like.

```
.text, #text, p{  
    color:rgb(140, 170, 19)  
}
```

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(140, 170, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 170, 19) }
```

Border

The CSS property to change the border of an element to Yxy 34.3719, 0.3858, 0.5240 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(140, 170, 19) }
```

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

```
.border{ border-color:rgb(140, 170, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 170, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 170, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 170, 19);  
box-shadow:4px 4px 4px 4px rgb(140, 170,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3719, 0.3858, 0.5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 170, 19) }
```

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

```
.background{ background-color: rgb(140,  
170, 19) }
```

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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