

Converting Colors

$Yxy(39.5892, 0.3684, 0.4428)$

Have a look what the booklet for
Yxy(39.5892, 0.3684, 0.4428)
contains.

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Color

Yxy(39.5038, 0.3686, 0.4418)

Conversions

Conversions Part 1

Format	Color
Hex	A5AF60
RGB	165, 175, 96
RGB Percent	65%, 69%, 38%
CMY	0.3529, 0.3137, 0.6235
CMYK	0.06, 0.00, 0.45, 0.31
HSL	68°, 33%, 53%
HSV	68°, 45%, 69%
XYZ	32.9586, 39.5038, 16.9532
YIQ	163.0040, 19.3990, -26.6890

Conversions

Conversions Part 2

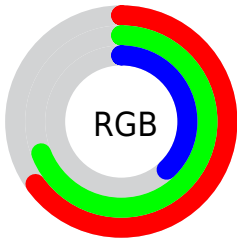
Format	Color
RYB	96, 175, 106
Decimal	10858336
CIELab	69.11, -15.60, 39.15
CIElCh	69, 42.147, 111.722
Yxy	39.5038, 0.3686, 0.4418
Android (android.graphics.Color)	4289048416 (0xFFA5AF60)
YUV	163.0040, -33.0330, 1.7505
Hunter-Lab	62.8520, -16.3886, 28.0040

Details

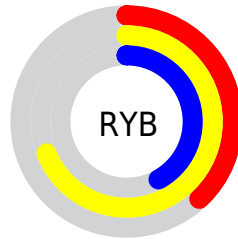
The Yxy color **39.5038, 0.3686, 0.4418** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **14.5248, 0.2388, 0.1942**, and the grayscale version is **36.7808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1039, 0.3595, 0.4198**, and **17.7507, 0.3797, 0.4762** is the 20% darker color. If you saturate the color by 10%, you get **38.9828, 0.3788, 0.4645**, and if you desaturate by 10%, it is **40.1042, 0.3570, 0.4172**.

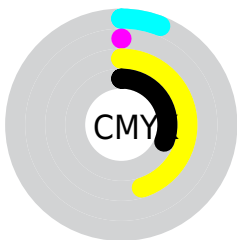
Distribution



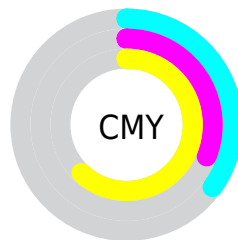
- Red (65%)
- Green (69%)
- Blue (38%)



- Red (38%)
- Yellow (69%)
- Blue (42%)



- Cyan (6%)
- Magenta (0%)
- Yellow (45%)
- Black (31%)




- Cyan (35%)
- Magenta (31%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5038, 0.3686, 0.4418 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 39.5038, 0.3686, 0.4418 by changing the saturation by 10% instead.

 39.5038, 0.3686,
0.4418

 39.5038, 0.3686,
0.4418

344.0277, 0.3420,
0.3831

 27.1519, 0.3744,
0.4568


 74.4073, 0.3595,
0.4201

 17.6873, 0.3810,
0.4759


 97.7277, 0.3559,
0.4121

 10.7257, 0.3883,
0.5009


 125.4730, 0.3527,
0.4053

 5.8827, 0.3953,
0.5345

 158.0277, 0.3500,
0.3995

 2.7739, 0.4068,
0.5932

195.7761, 0.3476,
0.3945

 1.0149, 0.3630,
0.6370

239.1027, 0.3455,

 0.0000, 0.0000,

0.3902

0.0000

288.3917, 0.3437,
0.3864

■ 39.5038, 0.3686,
0.4418

■ 39.5038, 0.3686,
0.4418

■ 38.9828, 0.3788,
0.4645

■ 40.1042, 0.3570,
0.4172

■ 38.5310, 0.3870,
0.4844

■ 40.7832, 0.3446,
0.3917

■ 38.1449, 0.3930,
0.5005


■ 41.5464, 0.3319,
0.3662


■ 37.8180, 0.3964,
0.5124

■ 42.3977, 0.3191,
0.3413

■ 37.5428, 0.3973,
0.5199

■ 43.3406, 0.3068,
0.3177

 37.4192, 0.3973,
0.5227

 44.3785, 0.2950,
0.2955

 45.5144, 0.2840,
0.2750

 46.7514, 0.2737,
0.2563

 48.0923, 0.2643,
0.2392

Harmonies

Analogous

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



39.5038, 0.4164, 0.4171



39.5038, 0.3686, 0.4418



39.5038, 0.3084, 0.4309

Triad

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



39.5038, 0.3686, 0.4418



39.5038, 0.2023, 0.2656



39.5038, 0.3706, 0.2823

Complementary

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



39.5038, 0.3686, 0.4418



14.5248, 0.2388, 0.1942

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.



39.5038, 0.3070, 0.2493



39.5038, 0.3686, 0.4418



39.5038, 0.2147, 0.2375

Square

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



39.5038, 0.3686, 0.4418



39.5038, 0.2150, 0.3173



39.5038, 0.2510, 0.2331



39.5038, 0.4203, 0.3262

Rectangle

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



39.5038, 0.3686, 0.4418



39.5038, 0.2697, 0.4012



39.5038, 0.2510, 0.2331



39.5038, 0.3498, 0.2698

Sweetspot

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



39.5056, 0.3686, 0.4418



74.5355, 0.3307, 0.3639



20.1060, 0.4243, 0.3431



16.4983, 0.3334, 0.3693



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.



39.5056, 0.3686, 0.4418



69.8317, 0.3786, 0.4641



35.9632, 0.3316, 0.4571



9.2780, 0.3244, 0.3515



26.8142, 0.3976, 0.5225



0.7600, 0.4046, 0.5170

Inverse Universe

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



14.5248, 0.2388, 0.1942



19.5108, 0.2195, 0.1611



17.4549, 0.2814, 0.2086



7.8040, 0.3004, 0.3057



2.3554, 0.1555, 0.0630



0.0804, 0.1757, 0.0742

Previews

White Background



This preview shows how the Yxy color 39.5038, 0.3686, 0.4418 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 39.5038, 0.3686, 0.4418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

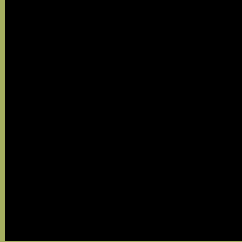
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5038, 0.3686, 0.4418

Background



This preview shows how black text looks on a background with the Yxy color 39.5038, 0.3686, 0.4418.



This preview shows how white text looks on a background with the Yxy color 39.5038, 0.3686, 0.4418.

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

39.5038, 0.3686, 0.4418

Protanopia

39.4984, 0.3936, 0.4292

Deuteranopia

39.3697, 0.4149, 0.4066



Tritanopia

39.6411, 0.3099, 0.3114

Trichromacy



Original Color

39.5038, 0.3686, 0.4418

Protanomaly

39.4170, 0.3845, 0.4332

Deuteranomaly

39.1014, 0.3973, 0.4190

Tritanomaly

39.2038, 0.3319, 0.3574

Monochromacy



Original Color

39.5038, 0.3686, 0.4418

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.3940, 0.3344, 0.3701

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5038, 0.3686, 0.4418 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(165, 175, 96)` looks like.

```
.text, #text, p{  
    color:rgb(165, 175, 96)  
}
```

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(165, 175, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 175, 96) }
```

Border

The CSS property to change the border of an element to Yxy 39.5038, 0.3686, 0.4418 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(165, 175, 96) }
```

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

```
.border{ border-color:rgb(165, 175, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 175, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 175, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 175, 96);  
box-shadow:4px 4px 4px 4px rgb(165, 175,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5038, 0.3686, 0.4418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 175, 96) }
```

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

```
.background{ background-color: rgb(165,  
175, 96) }
```

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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