

Converting Colors

$Y_{xy}(36.4760, 0.3823, 0.5347)$

Have a look what the booklet for
Yxy(36.4760, 0.3823, 0.5347)
contains.

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Color

Yxy(36.5396, 0.3827, 0.5343)

Conversions

Conversions Part 1

Format	Color
Hex	8BB000
RGB	139, 176, 0
RGB Percent	55%, 69%, 0%
CMY	0.4549, 0.3098, 0.9996
CMYK	0.21, 0.00, 1.00, 0.31
HSL	73°, 100%, 35%
HSV	73°, 100%, 69%
XYZ	26.1720, 36.5396, 5.6762
YIQ	144.8730, 34.4440, -62.5800

Conversions

Conversions Part 2

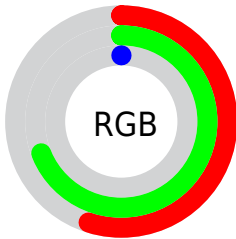
Format	Color
RYB	0, 176, 37
Decimal	9154560
CIELab	66.93, -32.17, 68.27
CIELCh	67, 75.469, 115.230
Yxy	36.5396, 0.3827, 0.5343
Android (android.graphics.Color)	4287344640 (0xFF8BB000)
YUV	144.8730, -71.4224, -5.1506
Hunter-Lab	60.4480, -28.4993, 36.7461

Details

The Yxy color **36.5396, 0.3827, 0.5343** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **3.5330, 0.1610, 0.0661**, and the grayscale version is **28.5517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.9848, 0.3765, 0.4975**, and **16.0049, 0.3649, 0.5484** is the 20% darker color. If you saturate the color by 10%, you get **36.5389, 0.3827, 0.5343**, and if you desaturate by 10%, it is **36.9080, 0.3840, 0.5266**.

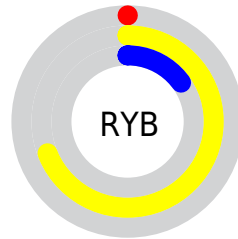
Distribution



Red (55%)

Green (69%)

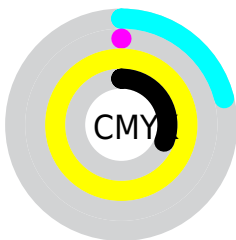
Blue (0%)



Red (0%)

Yellow (69%)

Blue (15%)

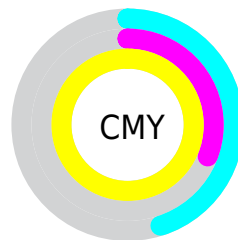


Cyan (21%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (45%)


Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5396, 0.3827, 0.5343 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 36.5396, 0.3827, 0.5343 by changing the saturation by 10% instead.


 36.5396, 0.3827,
0.5343


 36.5396, 0.3827,
0.5343


331.3129, 0.3571,
0.4289


 24.8512, 0.3838,
0.5582


 69.8641, 0.3769,
0.4970


 15.9662, 0.3815,
0.5861


 92.2690, 0.3736,
0.4825

 9.5003, 0.3760,
0.6240


 119.0150, 0.3703,
0.4702

 5.0689, 0.3489,
0.6511

 150.4862, 0.3673,
0.4595

 2.2877, 0.3054,
0.6946

 187.0673, 0.3644,
0.4503

 0.7672, 0.0000,
1.0000

 229.1425, 0.3618,

 0.0000, 0.0000,

0.4423

0.0000

277.0962, 0.3593,
0.4352

■ 36.5396, 0.3827,
0.5343

■ 36.5396, 0.3827,
0.5343

■ 36.5389, 0.3827,
0.5343

■ 36.9080, 0.3840,
0.5266

■ 37.3236, 0.3832,
0.5152

■ 37.8028, 0.3799,
0.4993

■ 38.3526, 0.3742,
0.4794

■ 38.9789, 0.3664,
0.4564

■ 39.6869, 0.3570,
0.4312

■ 40.4814, 0.3464,
0.4051

■ 41.3668, 0.3353,
0.3788

■ 42.3469, 0.3239,
0.3532

Harmonies

Analogous

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



36.5396, 0.4730, 0.4723



36.5396, 0.3827, 0.5343



36.5396, 0.2812, 0.5239

Triad

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



36.5396, 0.3827, 0.5343



36.5396, 0.1332, 0.2060



36.5396, 0.4295, 0.2548

Complementary

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



36.5396, 0.3827, 0.5343



3.5330, 0.1610, 0.0661

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.



36.5396, 0.3113, 0.2027



36.5396, 0.3827, 0.5343



36.5396, 0.1562, 0.1733

Square

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



36.5396, 0.3827, 0.5343



36.5396, 0.1436, 0.2853



36.5396, 0.2143, 0.1741



36.5396, 0.5159, 0.3213

Rectangle

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



36.5396, 0.3827, 0.5343



36.5396, 0.2193, 0.4577



36.5396, 0.2143, 0.1741



36.5396, 0.3905, 0.2353

Sweetspot

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



36.5412, 0.3827, 0.5343



73.3253, 0.3471, 0.4066



10.4503, 0.6170, 0.3482



15.7591, 0.3515, 0.4174



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.



36.5412, 0.3827, 0.5343



66.1640, 0.3820, 0.5349



31.8068, 0.3144, 0.5885



9.8146, 0.3232, 0.3517



26.8331, 0.3831, 0.5340



0.8670, 0.3938, 0.5255

Inverse Universe

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



3.5330, 0.1610, 0.0661



6.3207, 0.1598, 0.0654



7.3658, 0.2466, 0.1132



8.3135, 0.3017, 0.3057



2.6102, 0.1618, 0.0665



0.1070, 0.1892, 0.0816

Previews

White Background



This preview shows how the Yxy color 36.5396, 0.3827, 0.5343 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 36.5396, 0.3827, 0.5343 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 36.5396, 0.3827, 0.5343

Background



This preview shows how black text looks on a background with the Yxy color 36.5396, 0.3827, 0.5343.



This preview shows how white text looks on a background with the Yxy color 36.5396, 0.3827, 0.5343.

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

36.5396, 0.3827, 0.5343

Protanopia

36.2617, 0.4399, 0.4889

Deuteranopia

36.1946, 0.4648, 0.4548



Tritanopia

36.5953, 0.2928, 0.3102

Trichromacy



Original Color

36.5396, 0.3827, 0.5343

Protanomaly

36.2208, 0.4183, 0.5061

Deuteranomaly

35.7149, 0.4357, 0.4847

Tritanomaly

35.5871, 0.3420, 0.4142

Monochromacy



Original Color

36.5396, 0.3827, 0.5343

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

30.3893, 0.3582, 0.4329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5396, 0.3827, 0.5343 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(139, 176, 0)` looks like.

```
.text, #text, p{  
    color:rgb(139, 176, 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(139, 176, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 176, 0) }
```

Border

The CSS property to change the border of an element to Yxy 36.5396, 0.3827, 0.5343 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(139, 176, 0) }
```

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

```
.border{ border-color:rgb(139, 176, 0) }
```

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

Here you see how a box with a 4 pixel rgb(139, 176, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 176, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 176, 0);  
box-shadow:4px 4px 4px 4px rgb(139, 176,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5396, 0.3827, 0.5343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 176, 0) }
```

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

```
.background{ background-color: rgb(139,  
176, 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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