

Converting Colors

$Y_{xy}(39.2667, 0.3602, 0.5522)$

Have a look what the booklet for
Yxy(39.2667, 0.3602, 0.5522)
contains.

Yxy(39.2554, 0.3600, 0.5524)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.2554, 0.3600, 0.5524)

Conversions

Conversions Part 1

Format	Color
Hex	7ABA00
RGB	122, 186, 0
RGB Percent	48%, 73%, 0%
CMY	0.5216, 0.2706, 1.0000
CMYK	0.34, 0.00, 1.00, 0.27
HSL	81°, 100%, 36%
HSV	81°, 100%, 73%
XYZ	25.5828, 39.2554, 6.2252
YIQ	145.6600, 21.5620, -71.4140

Conversions

Conversions Part 2

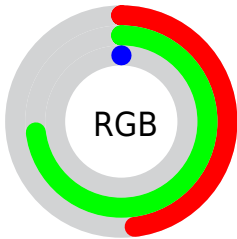
Format	Color
RYB	0, 186, 64
Decimal	8043008
CIELab	68.94, -43.27, 69.39
CIELCh	69, 81.780, 121.947
Yxy	39.2554, 0.3600, 0.5524
Android (android.graphics.Color)	4286233088 (0xFF7ABA00)
YUV	145.6600, -71.8104, -20.7498
Hunter-Lab	62.6541, -36.7600, 37.9670

Details

The Yxy color **39.2554, 0.3600, 0.5524** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4.6362, 0.1760, 0.0743**, and the grayscale version is **28.8907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3690, 0.3590, 0.5106**, and **17.5925, 0.3365, 0.5710** is the 20% darker color. If you saturate the color by 10%, you get **39.2574, 0.3600, 0.5524**, and if you desaturate by 10%, it is **39.7858, 0.3634, 0.5428**.

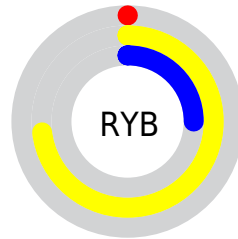
Distribution



Red (48%)

Green (73%)

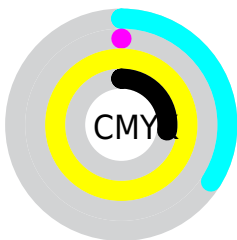
Blue (0%)



Red (0%)

Yellow (73%)

Blue (25%)

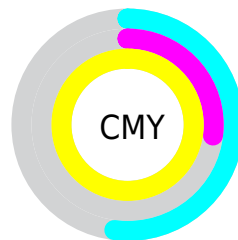


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (27%)



Cyan (52%)

Magenta (27%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2554, 0.3600, 0.5524 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 39.2554, 0.3600, 0.5524 by changing the saturation by 10% instead.


 39.2554, 0.3600,
0.5524


 39.2554, 0.3600,
0.5524


342.9751, 0.3472,
0.4361


 26.9585, 0.3578,
0.5796


 74.0283, 0.3590,
0.5107

 17.5420, 0.3514,
0.6120


 97.2731, 0.3575,
0.4947


 10.6217, 0.3416,
0.6584


 124.9360, 0.3557,
0.4811

 5.8131, 0.3080,
0.6920

 157.4013, 0.3539,
0.4695

 2.7317, 0.2559,
0.7441

 195.0535, 0.3521,
0.4594

 0.9933, 0.0000,
1.0000

 238.2769, 0.3503,

 0.0000, 0.0000,

0.4506

0.0000

287.4560, 0.3487,
0.4429

■ 39.2554, 0.3600,
0.5524

■ 39.2554, 0.3600,
0.5524

■ 39.2574, 0.3600,
0.5524

■ 39.7858, 0.3634,
0.5428

■ 40.3892, 0.3649,
0.5291

■ 41.0840, 0.3639,
0.5105

■ 41.8788, 0.3606,
0.4879

■ 42.7809, 0.3552,
0.4624

■ 43.7967, 0.3481,
0.4351

■ 44.9319, 0.3399,
0.4073

■ 46.1920, 0.3310,
0.3799

■ 47.5820, 0.3219,
0.3537

Harmonies

Analogous

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



39.2554, 0.4592, 0.4943



39.2554, 0.3600, 0.5524



39.2554, 0.2551, 0.5186

Triad

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



39.2554, 0.3600, 0.5524



39.2554, 0.1285, 0.1885



39.2554, 0.4617, 0.2654

Complementary

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



39.2554, 0.3600, 0.5524



4.6362, 0.1760, 0.0743

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.



39.2554, 0.3381, 0.2074



39.2554, 0.3600, 0.5524



39.2554, 0.1596, 0.1642

Square

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



39.2554, 0.3600, 0.5524



39.2554, 0.1306, 0.2582



39.2554, 0.2285, 0.1720



39.2554, 0.5368, 0.3355

Rectangle

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



39.2554, 0.3600, 0.5524



39.2554, 0.1951, 0.4344



39.2554, 0.2285, 0.1720



39.2554, 0.4226, 0.2442

Sweetspot

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



39.2574, 0.3600, 0.5524



81.3272, 0.3403, 0.4087



13.8855, 0.5878, 0.3715



17.7127, 0.3439, 0.4205



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



39.2574, 0.3600, 0.5524



71.0107, 0.3591, 0.5531



35.4123, 0.3051, 0.5960



10.3445, 0.3212, 0.3519



26.4516, 0.3607, 0.5518



0.9653, 0.3763, 0.5394

Inverse Universe

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



4.6362, 0.1760, 0.0743



8.2822, 0.1745, 0.0735



10.5147, 0.2791, 0.1311



8.8657, 0.3036, 0.3057



3.1567, 0.1772, 0.0750



0.1464, 0.2082, 0.0921

Previews

White Background



This preview shows how the Yxy color 39.2554, 0.3600, 0.5524 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 39.2554, 0.3600, 0.5524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

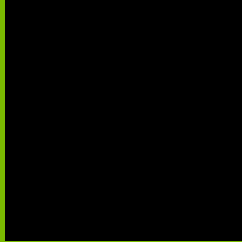
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2554, 0.3600, 0.5524

Background



This preview shows how black text looks on a background with the Yxy color 39.2554, 0.3600, 0.5524.



This preview shows how white text looks on a background with the Yxy color 39.2554, 0.3600, 0.5524.

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

39.2554, 0.3600, 0.5524

Protanopia

38.8241, 0.4403, 0.4886

Deuteranopia

38.7725, 0.4634, 0.4539



Tritanopia

39.1377, 0.2753, 0.3087

Trichromacy



Original Color

39.2554, 0.3600, 0.5524

Protanomaly

38.6593, 0.4094, 0.5131

Deuteranomaly

38.0215, 0.4257, 0.4914

Tritanomaly

38.2410, 0.3209, 0.4220

Monochromacy



Original Color

39.2554, 0.3600, 0.5524

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

31.5984, 0.3488, 0.4403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2554, 0.3600, 0.5524 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(122, 186, 0)` looks like.

```
.text, #text, p{  
    color:rgb(122, 186, 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(122, 186, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 186, 0) }
```

Border

The CSS property to change the border of an element to Yxy 39.2554, 0.3600, 0.5524 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(122, 186, 0) }
```

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

```
.border{ border-color:rgb(122, 186, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 186, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 186, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 186, 0);  
box-shadow:4px 4px 4px 4px rgb(122, 186,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2554, 0.3600, 0.5524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 186, 0) }
```

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

```
.background{ background-color: rgb(122,  
186, 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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