

Converting Colors

$Y_{xy}(44.3323, 0.3699, 0.5445)$

Have a look what the booklet for
Yxy(44.3323, 0.3699, 0.5445)
contains.

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Color

Yxy(44.5192, 0.3693, 0.5450)

Conversions

Conversions Part 1

Format	Color
Hex	8BC300
RGB	139, 195, 0
RGB Percent	55%, 76%, 0%
CMY	0.4548, 0.2353, 1.0000
CMYK	0.29, 0.00, 1.00, 0.24
HSL	77°, 100%, 38%
HSV	77°, 100%, 76%
XYZ	30.1669, 44.5192, 7.0005
YIQ	156.0260, 29.2190, -72.5170

Conversions

Conversions Part 2

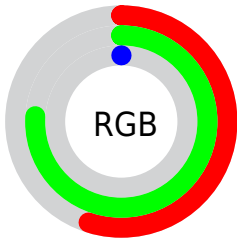
Format	Color
RYB	0, 195, 56
Decimal	9159424
CIELab	72.57, -40.72, 72.59
CIELCh	73, 83.234, 119.292
Yxy	44.5192, 0.3693, 0.5450
Android (android.graphics.Color)	4287349504 (0xFF8BC300)
YUV	156.0260, -76.9208, -14.9318
Hunter-Lab	66.7227, -36.0608, 40.4852

Details

The Yxy color **44.5192, 0.3693, 0.5450** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4.7796, 0.1683, 0.0701**, and the grayscale version is **33.6028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0852, 0.3664, 0.5070**, and **20.8436, 0.3497, 0.5605** is the 20% darker color. If you saturate the color by 10%, you get **44.5213, 0.3693, 0.5450**, and if you desaturate by 10%, it is **45.0644, 0.3720, 0.5365**.

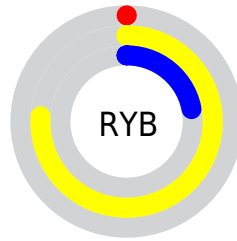
Distribution



Red (55%)

Green (76%)

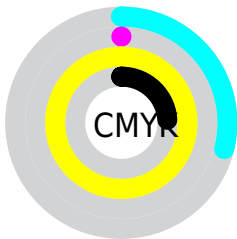
Blue (0%)



Red (0%)

Yellow (76%)

Blue (22%)

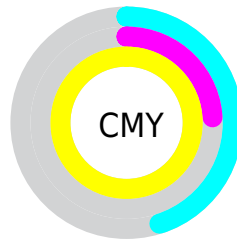


Cyan (29%)

Magenta (0%)

Yellow (100%)

Black (24%)



Cyan (45%)


Magenta (24%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5192, 0.3693, 0.5450 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 44.5192, 0.3693, 0.5450 by changing the saturation by 10% instead.


 44.5192, 0.3693,
0.5450


 44.5192, 0.3693,
0.5450


364.8228, 0.3521,
0.4360


 31.0789, 0.3685,
0.5695


 81.9984, 0.3666,
0.5068


 20.6589, 0.3644,
0.5981

 106.8062, 0.3644,
0.4919


 12.8749, 0.3583,
0.6389


 136.1718, 0.3622,
0.4791

 7.3425, 0.3319,
0.6681

 170.4798, 0.3600,
0.4681

 3.6772, 0.2904,
0.7096

 210.1145, 0.3578,
0.4585

 1.4947, 0.1804,
0.8196

 255.4603, 0.3558,

 0.2850, 0.0000,

0.4501

1.0000

306.9016, 0.3539,
0.4426

■ 0.0000, 0.0000,
0.0000

■ 44.5192, 0.3693,
0.5450

■ 44.5192, 0.3693,
0.5450

■ 44.5213, 0.3693,
0.5450

■ 45.0644, 0.3720,
0.5365

■ 45.6814, 0.3727,
0.5238

■ 46.3903, 0.3709,
0.5065

■ 47.2001, 0.3666,
0.4850

■ 48.1189, 0.3602,
0.4605

■ 49.1537, 0.3521,
0.4341

■ 50.3107, 0.3429,
0.4068

■ 51.5957, 0.3330,
0.3798

■ 53.0141, 0.3228,
0.3537

Harmonies

Analogous

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



44.5192, 0.4650, 0.4853



44.5192, 0.3693, 0.5450



44.5192, 0.2657, 0.5211

Triad

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



44.5192, 0.3693, 0.5450



44.5192, 0.1304, 0.1955



44.5192, 0.4486, 0.2612

Complementary

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



44.5192, 0.3693, 0.5450



4.7796, 0.1683, 0.0701

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.



44.5192, 0.3270, 0.2055



44.5192, 0.3693, 0.5450



44.5192, 0.1582, 0.1678

Square

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



44.5192, 0.3693, 0.5450



44.5192, 0.1358, 0.2690



44.5192, 0.2227, 0.1729



44.5192, 0.5285, 0.3299

Rectangle

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



44.5192, 0.3693, 0.5450



44.5192, 0.2048, 0.4441



44.5192, 0.2227, 0.1729



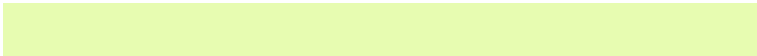
44.5192, 0.4094, 0.2406

Sweetspot

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



44.5213, 0.3693, 0.5450



90.0084, 0.3433, 0.4081



14.3579, 0.6008, 0.3612



19.5108, 0.3474, 0.4198



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



44.5213, 0.3693, 0.5450



79.6073, 0.3685, 0.5456



39.5267, 0.3077, 0.5939



11.6085, 0.3222, 0.3521



28.9818, 0.3700, 0.5444



1.2858, 0.3814, 0.5353

Inverse Universe

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



4.7796, 0.1683, 0.0701



8.4518, 0.1670, 0.0694



10.6878, 0.2664, 0.1241



9.8848, 0.3027, 0.3055



3.1441, 0.1695, 0.0707



0.1720, 0.1949, 0.0847

Previews

White Background



This preview shows how the Yxy color 44.5192, 0.3693, 0.5450 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 44.5192, 0.3693, 0.5450 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 44.5192, 0.3693, 0.5450

Background



This preview shows how black text looks on a background with the Yxy color 44.5192, 0.3693, 0.5450.



This preview shows how white text looks on a background with the Yxy color 44.5192, 0.3693, 0.5450.

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

44.5192, 0.3693, 0.5450

Protanopia

44.1201, 0.4402, 0.4887

Deuteranopia

43.8268, 0.4642, 0.4544



Tritanopia

44.2014, 0.2820, 0.3086

Trichromacy



Original Color

44.5192, 0.3693, 0.5450

Protanomaly

43.7460, 0.4137, 0.5097

Deuteranomaly

43.1132, 0.4292, 0.4892

Tritanomaly

43.0825, 0.3290, 0.4189

Monochromacy



Original Color

44.5192, 0.3693, 0.5450

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

36.1343, 0.3537, 0.4376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5192, 0.3693, 0.5450 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, 195, 0)` looks like.

```
.text, #text, p{  
    color:rgb(139, 195, 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, 195, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 195, 0) }
```

Border

The CSS property to change the border of an element to Yxy 44.5192, 0.3693, 0.5450 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, 195, 0) }
```

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

```
.border{ border-color:rgb(139, 195, 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, 195, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 195, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 195, 0);  
box-shadow:4px 4px 4px 4px rgb(139, 195,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5192, 0.3693, 0.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 195, 0) }
```

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

```
.background{ background-color: rgb(139,  
195, 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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