

Converting Colors

Yxy(43.9824, 0.3949, 0.5247)

Have a look what the booklet for
Yxy(43.9824, 0.3949, 0.5247)
contains.

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Color

Yxy(44.0766, 0.3943, 0.5251)

Conversions

Conversions Part 1

Format	Color
Hex	A2BD00
RGB	162, 189, 0
RGB Percent	64%, 74%, 0%
CMY	0.3647, 0.2588, 0.9996
CMYK	0.14, 0.00, 1.00, 0.26
HSL	69°, 100%, 37%
HSV	69°, 100%, 74%
XYZ	33.0973, 44.0766, 6.7655
YIQ	159.3810, 44.5770, -64.5030

Conversions

Conversions Part 2

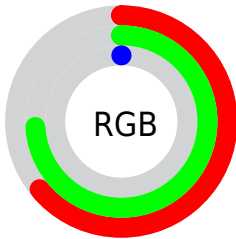
Format	Color
RYB	0, 189, 27
Decimal	10665216
CIELab	72.28, -28.75, 72.99
CIElCh	72, 78.448, 111.498
Yxy	44.0766, 0.3943, 0.5251
Android (android.graphics.Color)	4288855296 (0xFFA2BD00)
YUV	159.3810, -78.5748, 2.2969
Hunter-Lab	66.3902, -27.1958, 40.4312

Details

The Yxy color **44.0766, 0.3943, 0.5251** is a dark color, and the websafe version is hex **99CC00**. A complement of this color would be **3.9111, 0.1556, 0.0631**, and the grayscale version is **35.2127, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2562, 0.3872, 0.4922**, and **20.6116, 0.3805, 0.5361** is the 20% darker color. If you saturate the color by 10%, you get **44.0769, 0.3943, 0.5251**, and if you desaturate by 10%, it is **44.4115, 0.3946, 0.5189**.

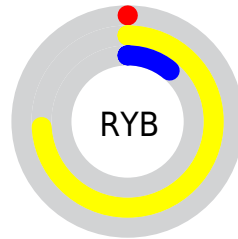
Distribution



Red (64%)

Green (74%)

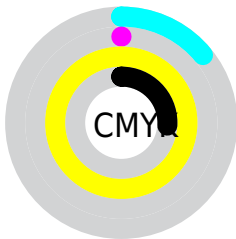
Blue (0%)



Red (0%)

Yellow (74%)

Blue (11%)

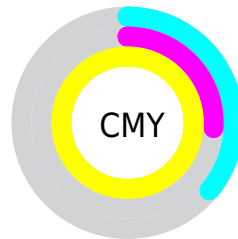


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (26%)



Cyan (36%)


Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0766, 0.3943, 0.5251 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 44.0766, 0.3943, 0.5251 by changing the saturation by 10% instead.


 44.0766, 0.3943,
0.5251

 44.0766, 0.3943,
0.5251


363.0208, 0.3638,
0.4291

 30.7307, 0.3970,
0.5455


 81.3330, 0.3866,
0.4923

 20.3939, 0.3972,
0.5688

 106.0123, 0.3827,
0.4792

 12.6817, 0.3976,
0.6024


 135.2382, 0.3789,
0.4679

 7.2097, 0.3783,
0.6217

 169.3952, 0.3754,
0.4580

 3.5936, 0.3486,
0.6514

 208.8675, 0.3721,
0.4494

 1.4489, 0.2895,
0.7105

 254.0396, 0.3691,

 0.2524, 0.0000,

0.4418

1.0000

305.2959, 0.3663,
0.4351

■ 0.0000, 0.0000,
0.0000

■ 44.0766, 0.3943,
0.5251

■ 44.0766, 0.3943,
0.5251

■ 44.0769, 0.3943,
0.5251

■ 44.4115, 0.3946,
0.5189

■ 44.7960, 0.3928,
0.5090

■ 45.2485, 0.3884,
0.4946

■ 45.7773, 0.3815,
0.4761

■ 46.3895, 0.3725,
0.4543

■ 47.0911, 0.3619,
0.4301

■ 47.8879, 0.3500,
0.4046

■ 48.7848, 0.3376,
0.3788

■ 49.7867, 0.3250,
0.3533

Harmonies

Analogous

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



44.0766, 0.4797, 0.4612



44.0766, 0.3943, 0.5251



44.0766, 0.2948, 0.5258

Triad

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



44.0766, 0.3943, 0.5251



44.0766, 0.1357, 0.2156



44.0766, 0.4130, 0.2490

Complementary

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



44.0766, 0.3943, 0.5251



3.9111, 0.1556, 0.0631

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.



44.0766, 0.2979, 0.2001



44.0766, 0.3943, 0.5251



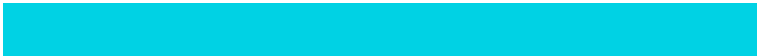
44.0766, 0.1543, 0.1782

Square

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



44.0766, 0.3943, 0.5251



44.0766, 0.1506, 0.3002



44.0766, 0.2071, 0.1752



44.0766, 0.5044, 0.3135

Rectangle

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



44.0766, 0.3943, 0.5251



44.0766, 0.2321, 0.4690



44.0766, 0.2071, 0.1752



44.0766, 0.3743, 0.2305

Sweetspot

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



44.0786, 0.3943, 0.5251



85.6809, 0.3507, 0.4060



11.5274, 0.6282, 0.3393



18.2922, 0.3558, 0.4168



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.



44.0786, 0.3943, 0.5251



78.8554, 0.3939, 0.5254



37.6766, 0.3204, 0.5838



11.0495, 0.3243, 0.3518



29.6797, 0.3946, 0.5249



1.1818, 0.4009, 0.5199

Inverse Universe

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



3.9111, 0.1556, 0.0631



6.9378, 0.1548, 0.0626



7.6511, 0.2306, 0.1044



9.2891, 0.3005, 0.3054



2.6496, 0.1563, 0.0635



0.1251, 0.1747, 0.0736

Previews

White Background



This preview shows how the Yxy color 44.0766, 0.3943, 0.5251 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 44.0766, 0.3943, 0.5251 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 44.0766, 0.3943, 0.5251

Background



This preview shows how black text looks on a background with the Yxy color 44.0766, 0.3943, 0.5251.



This preview shows how white text looks on a background with the Yxy color 44.0766, 0.3943, 0.5251.

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

44.0766, 0.3943, 0.5251

Protanopia

43.7236, 0.4412, 0.4879

Deuteranopia

43.8030, 0.4655, 0.4560



Tritanopia

44.1155, 0.3024, 0.3106

Trichromacy



Original Color

44.0766, 0.3943, 0.5251

Protanomaly

43.4869, 0.4241, 0.5015

Deuteranomaly

43.5223, 0.4402, 0.4821

Tritanomaly

43.1989, 0.3534, 0.4127

Monochromacy



Original Color

44.0766, 0.3943, 0.5251

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

37.1626, 0.3621, 0.4310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0766, 0.3943, 0.5251 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(162, 189, 0)` looks like.

```
.text, #text, p{  
    color:rgb(162, 189, 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(162, 189, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 189, 0) }
```

Border

The CSS property to change the border of an element to Yxy 44.0766, 0.3943, 0.5251 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(162, 189, 0) }
```

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

```
.border{ border-color:rgb(162, 189, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 189, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 189, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 189, 0);  
box-shadow:4px 4px 4px 4px rgb(162, 189,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0766, 0.3943, 0.5251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 189, 0) }
```

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

```
.background{ background-color: rgb(162,  
189, 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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