

Converting Colors

$Y_{xy}(43.8352, 0.3990, 0.5397)$

Have a look what the booklet for
Yxy(43.8352, 0.3990, 0.5397)
contains.

Yxy(43.8688, 0.3925, 0.5266)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.8688, 0.3925, 0.5266)

Conversions

Conversions Part 1

Format	Color
Hex	A0BD00
RGB	160, 189, 0
RGB Percent	63%, 74%, 0%
CMY	0.3725, 0.2588, 1.0000
CMYK	0.15, 0.00, 1.00, 0.26
HSL	69°, 100%, 37%
HSV	69°, 100%, 74%
XYZ	32.6975, 43.8688, 6.7394
YIQ	158.7830, 43.3850, -64.9270

Conversions

Conversions Part 2

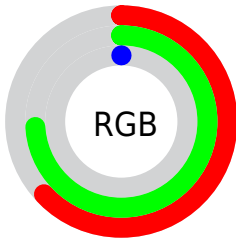
Format	Color
RYB	0, 189, 29
Decimal	10534144
CIELab	72.14, -29.57, 72.85
CIELCh	72, 78.626, 112.093
Yxy	43.8688, 0.3925, 0.5266
Android (android.graphics.Color)	4288724224 (0xFFA0BD00)
YUV	158.7830, -78.2800, 1.0673
Hunter-Lab	66.2335, -27.7886, 40.3306

Details

The Yxy color **43.8688, 0.3925, 0.5266** is a dark color, and the websafe version is hex **99CC00**. A complement of this color would be **3.9350, 0.1563, 0.0634**, and the grayscale version is **34.9194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9441, 0.3857, 0.4932**, and **20.4919, 0.3780, 0.5380** is the 20% darker color. If you saturate the color by 10%, you get **43.8711, 0.3925, 0.5266**, and if you desaturate by 10%, it is **44.2200, 0.3929, 0.5202**.

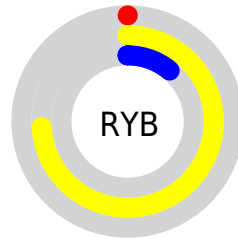
Distribution



Red (63%)

Green (74%)

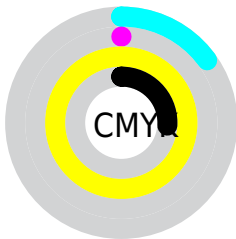
Blue (0%)



Red (0%)

Yellow (74%)

Blue (11%)

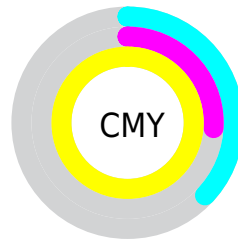


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (26%)



Cyan (37%)


Magenta (26%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8688, 0.3925, 0.5266 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 43.8688, 0.3925, 0.5266 by changing the saturation by 10% instead.


 43.8688, 0.3925,
0.5266


 43.8688, 0.3925,
0.5266


362.1726, 0.3629,
0.4295


 30.5674, 0.3949,
0.5474


 81.0203, 0.3852,
0.4933

 20.2696, 0.3948,
0.5711


 105.6391, 0.3814,
0.4801


 12.5912, 0.3947,
0.6053


 134.7992, 0.3777,
0.4687


 7.1477, 0.3747,
0.6253

 168.8850, 0.3742,
0.4587

 3.5546, 0.3440,
0.6560

 208.2809, 0.3710,
0.4500

 1.4277, 0.2801,
0.7199

 253.3711, 0.3681,

 0.2370, 0.0000,

0.4424

1.0000

304.5403, 0.3654,
0.4356

■ 0.0000, 0.0000,
0.0000

■ 43.8688, 0.3925,
0.5266

■ 43.8688, 0.3925,
0.5266

■ 43.8711, 0.3925,
0.5266

■ 44.2200, 0.3929,
0.5202

■ 44.6212, 0.3913,
0.5101

■ 45.0912, 0.3871,
0.4955

■ 45.6385, 0.3805,
0.4768

■ 46.2699, 0.3717,
0.4548

■ 46.9917, 0.3612,
0.4305

■ 47.8096, 0.3496,
0.4049

■ 48.7285, 0.3373,
0.3790

■ 49.7532, 0.3249,
0.3535

Harmonies

Analogous

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



43.8688, 0.4787, 0.4629



43.8688, 0.3925, 0.5266



43.8688, 0.2927, 0.5257

Triad

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



43.8688, 0.3925, 0.5266



43.8688, 0.1353, 0.2140



43.8688, 0.4156, 0.2499

Complementary

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



43.8688, 0.3925, 0.5266



3.9350, 0.1563, 0.0634

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.



43.8688, 0.2999, 0.2005



43.8688, 0.3925, 0.5266



43.8688, 0.1546, 0.1773

Square

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



43.8688, 0.3925, 0.5266



43.8688, 0.1494, 0.2978



43.8688, 0.2082, 0.1750



43.8688, 0.5063, 0.3147

Rectangle

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



43.8688, 0.3925, 0.5266



43.8688, 0.2301, 0.4673



43.8688, 0.2082, 0.1750



43.8688, 0.3768, 0.2312

Sweetspot

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



43.8711, 0.3925, 0.5266



85.5526, 0.3502, 0.4061



11.6660, 0.6260, 0.3411



18.2611, 0.3551, 0.4170



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.



43.8711, 0.3925, 0.5266



78.4878, 0.3920, 0.5269



37.5587, 0.3187, 0.5852



11.0444, 0.3241, 0.3518



29.5447, 0.3928, 0.5263



1.1776, 0.3996, 0.5209

Inverse Universe

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



3.9350, 0.1563, 0.0634



6.9836, 0.1554, 0.0630



7.8740, 0.2344, 0.1065



9.2937, 0.3007, 0.3054



2.6692, 0.1570, 0.0639



0.1271, 0.1764, 0.0745

Previews

White Background



This preview shows how the Yxy color 43.8688, 0.3925, 0.5266 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 43.8688, 0.3925, 0.5266 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 43.8688, 0.3925, 0.5266

Background



This preview shows how black text looks on a background with the Yxy color 43.8688, 0.3925, 0.5266.



This preview shows how white text looks on a background with the Yxy color 43.8688, 0.3925, 0.5266.

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

43.8688, 0.3925, 0.5266

Protanopia

43.5864, 0.4403, 0.4886

Deuteranopia

43.4352, 0.4665, 0.4551



Tritanopia

43.8823, 0.3007, 0.3105

Trichromacy



Original Color

43.8688, 0.3925, 0.5266

Protanomaly

43.3620, 0.4231, 0.5022

Deuteranomaly

42.9934, 0.4403, 0.4819

Tritanomaly

42.9743, 0.3515, 0.4133

Monochromacy



Original Color

43.8688, 0.3925, 0.5266

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

37.0600, 0.3611, 0.4314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8688, 0.3925, 0.5266 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(160, 189, 0)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 189, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 189, 0) }
```

Border

The CSS property to change the border of an element to Yxy 43.8688, 0.3925, 0.5266 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(160, 189, 0) }
```

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

```
.border{ border-color:rgb(160, 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(160, 189, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 189, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 189, 0);  
box-shadow:4px 4px 4px 4px rgb(160, 189,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8688, 0.3925, 0.5266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 189, 0) }
```

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

```
.background{ background-color: rgb(160,  
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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