

Converting Colors

$Yxy(44.0515, 0.3737, 0.5301)$

Have a look what the booklet for
Yxy(44.0515, 0.3737, 0.5301)
contains.

Yxy(43.8941, 0.3736, 0.5304)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.8941, 0.3736, 0.5304)

Conversions

Conversions Part 1

Format	Color
Hex	92C01C
RGB	146, 192, 28
RGB Percent	57%, 75%, 11%
CMY	0.4273, 0.2471, 0.8900
CMYK	0.24, 0.00, 0.85, 0.25
HSL	77°, 74%, 43%
HSV	77°, 85%, 75%
XYZ	30.9179, 43.8941, 7.9446
YIQ	159.5500, 25.2280, -60.7560

Conversions

Conversions Part 2

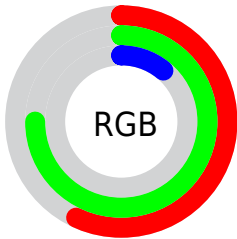
Format	Color
R _Y B	28, 192, 74
Decimal	9617436
CIE Lab	72.16, -36.12, 68.42
CIE LCh	72, 77.371, 117.830
Yxy	43.8941, 0.3736, 0.5304
Android (android.graphics.Color)	4287807516 (0xFF92C01C)
YUV	159.5500, -64.8542, -11.8834
Hunter-Lab	66.2526, -32.6422, 39.2671

Details

The Yxy color **43.8941, 0.3736, 0.5304** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **6.0959, 0.1843, 0.0881**, and the grayscale version is **35.2378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3441, 0.3690, 0.4948**, and **20.3506, 0.3607, 0.5518** is the 20% darker color. If you saturate the color by 10%, you get **43.3494, 0.3717, 0.5404**, and if you desaturate by 10%, it is **44.5245, 0.3730, 0.5157**.

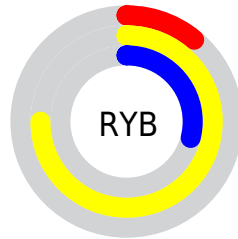
Distribution



Red (57%)

Green (75%)

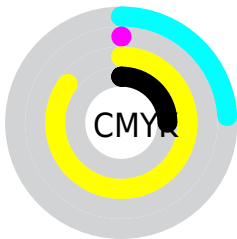
Blue (11%)



Red (11%)

Yellow (75%)

Blue (29%)

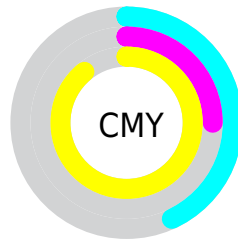


Cyan (24%)

Magenta (0%)

Yellow (85%)

Black (25%)



Cyan (43%)


Magenta (25%)

Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8941, 0.3736, 0.5304 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 43.8941, 0.3736, 0.5304 by changing the saturation by 10% instead.


 43.8941, 0.3736,
0.5304

 43.8941, 0.3736,
0.5304


362.2760, 0.3525,
0.4285


 30.5873, 0.3745,
0.5536


 81.0584, 0.3690,
0.4944


 20.2848, 0.3727,
0.5812


 105.6846, 0.3663,
0.4805


 12.6022, 0.3680,
0.6174


 134.8527, 0.3636,
0.4686

 7.1552, 0.3488,
0.6512

 168.9472, 0.3610,
0.4583

 3.5594, 0.3112,
0.6888

 208.3523, 0.3586,
0.4493

 1.4303, 0.2175,
0.7825

 253.4526, 0.3564,

 0.2389, 0.0000,

0.4415

1.0000

304.6323, 0.3544,
0.4346

■ 0.0000, 0.0000,
0.0000

■ 43.8941, 0.3736,
0.5304

■ 43.8941, 0.3736,
0.5304

■ 43.3494, 0.3717,
0.5404

■ 44.5245, 0.3730,
0.5157

■ 43.1153, 0.3705,
0.5441

■ 45.2447, 0.3699,
0.4964

■ 46.0649, 0.3645,
0.4736

■ 46.9923, 0.3571,
0.4481

■ 48.0332, 0.3483,
0.4213

■ 49.1934, 0.3386,
0.3941

■ 50.4783, 0.3284,
0.3675

■ 51.8928, 0.3182,
0.3421

■ 53.4417, 0.3081,
0.3182

Harmonies

Analogous

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



43.8941, 0.4628, 0.4758



43.8941, 0.3736, 0.5304



43.8941, 0.2748, 0.5100

Triad

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



43.8941, 0.3736, 0.5304



43.8941, 0.1385, 0.2056



43.8941, 0.4349, 0.2625

Complementary

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



43.8941, 0.3736, 0.5304



6.0959, 0.1843, 0.0881

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.



43.8941, 0.3213, 0.2098



43.8941, 0.3736, 0.5304



43.8941, 0.1639, 0.1764

Square

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



43.8941, 0.3736, 0.5304



43.8941, 0.1460, 0.2787



43.8941, 0.2241, 0.1796



43.8941, 0.5131, 0.3285

Rectangle

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



43.8941, 0.3736, 0.5304



43.8941, 0.2158, 0.4419



43.8941, 0.2241, 0.1796



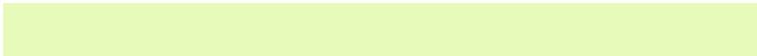
43.8941, 0.3980, 0.2429

Sweetspot

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



43.8961, 0.3736, 0.5304



88.9113, 0.3396, 0.3969



15.8962, 0.5635, 0.3693



18.9133, 0.3431, 0.4064



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.8961, 0.3736, 0.5304



77.9920, 0.3697, 0.5447



38.9514, 0.3147, 0.5747



11.6118, 0.3223, 0.3520



29.0536, 0.3711, 0.5436



1.2885, 0.3823, 0.5347

Inverse Universe

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



6.0959, 0.1843, 0.0881



8.2006, 0.1663, 0.0690



11.4841, 0.2713, 0.1342



9.8816, 0.3026, 0.3055



3.1198, 0.1687, 0.0703



0.1706, 0.1940, 0.0842

Previews

White Background



This preview shows how the Yxy color 43.8941, 0.3736, 0.5304 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 43.8941, 0.3736, 0.5304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

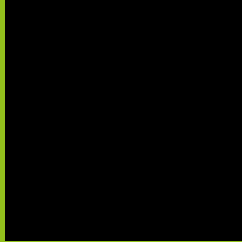
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8941, 0.3736, 0.5304

Background



This preview shows how black text looks on a background with the Yxy color 43.8941, 0.3736, 0.5304.



This preview shows how white text looks on a background with the Yxy color 43.8941, 0.3736, 0.5304.

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

43.8941, 0.3736, 0.5304

Protanopia

43.6483, 0.4370, 0.4837

Deuteranopia

43.3489, 0.4617, 0.4508



Tritanopia

43.8770, 0.2887, 0.3101

Trichromacy



Original Color

43.8941, 0.3736, 0.5304

Protanomaly

43.2294, 0.4138, 0.5007

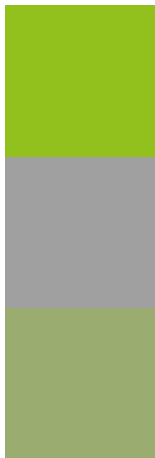
Deuteranomaly

42.6599, 0.4291, 0.4802

Tritanomaly

43.1425, 0.3295, 0.4029

Monochromacy



Original Color

43.8941, 0.3736, 0.5304

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

37.6435, 0.3474, 0.4192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8941, 0.3736, 0.5304 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(146, 192, 28)` looks like.

```
.text, #text, p{  
    color:rgb(146, 192, 28)  
}
```

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(146, 192, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 192, 28) }
```

Border

The CSS property to change the border of an element to Yxy 43.8941, 0.3736, 0.5304 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(146, 192, 28) }
```

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

```
.border{ border-color:rgb(146, 192, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 192, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 192, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 192, 28);  
box-shadow:4px 4px 4px 4px rgb(146, 192,  
28) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8941, 0.3736, 0.5304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 192, 28) }
```

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

```
.background{ background-color: rgb(146,  
192, 28) }
```

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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