

Converting Colors

$Yxy(43.7188, 0.3396, 0.4752)$

Have a look what the booklet for
Yxy(43.7188, 0.3396, 0.4752)
contains.

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Color

Yxy(43.8929, 0.3389, 0.4751)

Conversions

Conversions Part 1

Format	Color
Hex	8AC05D
RGB	138, 192, 93
RGB Percent	54%, 75%, 36%
CMY	0.4588, 0.2471, 0.6352
CMYK	0.28, 0.00, 0.52, 0.25
HSL	93°, 44%, 56%
HSV	93°, 52%, 75%
XYZ	31.3098, 43.8929, 17.1839
YIQ	164.5680, -0.4050, -42.2370

Conversions

Conversions Part 2

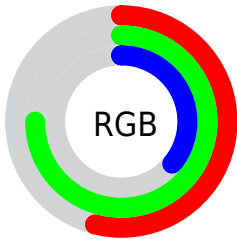
Format	Color
RYB	93, 192, 147
Decimal	9093213
CIELab	72.16, -34.67, 43.91
CIELCh	72, 55.950, 128.291
Yxy	43.8929, 0.3389, 0.4751
Android (android.graphics.Color)	4287283293 (0xFF8AC05D)
YUV	164.5680, -35.2830, -23.3001
Hunter-Lab	66.2517, -31.5834, 30.9980

Details

The Yxy color **43.8929, 0.3389, 0.4751** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **17.8435, 0.2673, 0.1873**, and the grayscale version is **37.5851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2960, 0.3364, 0.4460**, and **20.2754, 0.3404, 0.5208** is the 20% darker color. If you saturate the color by 10%, you get **42.7453, 0.3408, 0.5039**, and if you desaturate by 10%, it is **45.2158, 0.3354, 0.4449**.

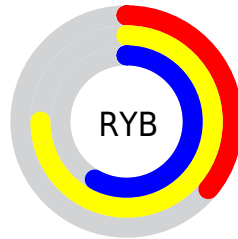
Distribution



Red (54%)

Green (75%)

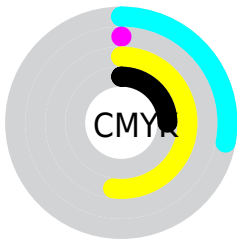
Blue (36%)



Red (36%)

Yellow (75%)

Blue (58%)

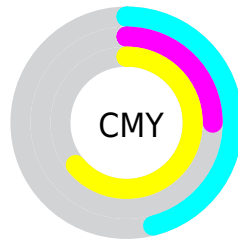


Cyan (28%)

Magenta (0%)

Yellow (52%)

Black (25%)



Cyan (46%)


Magenta (25%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8929, 0.3389, 0.4751 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 43.8929, 0.3389, 0.4751 by changing the saturation by 10% instead.


 43.8929, 0.3389,
0.4751

 43.8929, 0.3389,
0.4751

362.2711, 0.3293,
0.3979


 30.5863, 0.3397,
0.4951


 81.0566, 0.3365,
0.4464


 20.2840, 0.3397,
0.5209


 105.6824, 0.3352,
0.4358

 12.6017, 0.3376,
0.5551


 134.8502, 0.3340,
0.4269

 7.1548, 0.3305,
0.6017

 168.9442, 0.3329,
0.4193

 3.5591, 0.3184,
0.6816

208.3489, 0.3319,
0.4128

 1.4301, 0.2323,
0.7677

253.4487, 0.3310,

 0.2388, 0.0000,

0.4072

1.0000

304.6280, 0.3301,
0.4023

0.0000, 0.0000,
0.0000

43.8929, 0.3389,
0.4751

43.8929, 0.3389,
0.4751

42.7453, 0.3408,
0.5039

45.2158, 0.3354,
0.4449

41.7585, 0.3409,
0.5296

46.7166, 0.3308,
0.4147

40.9242, 0.3389,
0.5508

48.4047, 0.3254,
0.3855

40.2311, 0.3348,
0.5664

50.2871, 0.3196,
0.3580

39.7388, 0.3305,
0.5758

52.3705, 0.3136,
0.3327

■ 54.6614, 0.3077,
0.3097

■ 57.1656, 0.3020,
0.2891

■ 59.8890, 0.2966,
0.2706

■ 62.1198, 0.2986,
0.2640

Harmonies

Analogous

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



43.8929, 0.4105, 0.4606



43.8929, 0.3389, 0.4751



43.8929, 0.2643, 0.4323

Triad

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



43.8929, 0.3389, 0.4751



43.8929, 0.1812, 0.2255



43.8929, 0.4262, 0.2982

Complementary

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



43.8929, 0.3389, 0.4751



17.8435, 0.2673, 0.1873

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.



43.8929, 0.3497, 0.2504



43.8929, 0.3389, 0.4751



43.8929, 0.2119, 0.2093

Square

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



43.8929, 0.3389, 0.4751



43.8929, 0.1790, 0.2722



43.8929, 0.2705, 0.2190



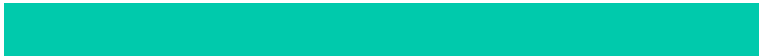
43.8929, 0.4679, 0.3546

Rectangle

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



43.8929, 0.3389, 0.4751



43.8929, 0.2231, 0.3784



43.8929, 0.2705, 0.2190



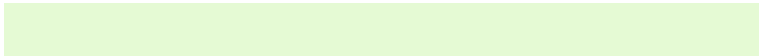
43.8929, 0.4031, 0.2809

Sweetspot

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



43.8948, 0.3389, 0.4751



89.8164, 0.3218, 0.3679



32.4975, 0.4177, 0.3997



19.1127, 0.3230, 0.3737



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.



43.8948, 0.3389, 0.4751



77.1761, 0.3410, 0.5078



40.8784, 0.3033, 0.4863



11.4780, 0.3183, 0.3523



26.7851, 0.3314, 0.5751



1.1982, 0.3493, 0.5609

Inverse Universe

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



17.8435, 0.2673, 0.1873



24.7131, 0.2537, 0.1566



22.7013, 0.3222, 0.2101



10.0125, 0.3067, 0.3058



4.6172, 0.2125, 0.0944



0.2400, 0.2359, 0.1073

Previews

White Background



This preview shows how the Yxy color 43.8929, 0.3389, 0.4751 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 43.8929, 0.3389, 0.4751 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 43.8929, 0.3389, 0.4751

Background



This preview shows how black text looks on a background with the Yxy color 43.8929, 0.3389, 0.4751.



This preview shows how white text looks on a background with the Yxy color 43.8929, 0.3389, 0.4751.

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

43.8929, 0.3389, 0.4751

Protanopia

43.3574, 0.4034, 0.4395

Deuteranopia

43.3532, 0.4198, 0.4110



Tritanopia

43.7602, 0.2797, 0.3098

Trichromacy



Original Color

43.8929, 0.3389, 0.4751

Protanomaly

43.1928, 0.3779, 0.4531

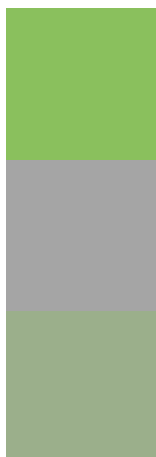
Deuteranomaly

42.8721, 0.3884, 0.4339

Tritanomaly

43.4624, 0.3027, 0.3682

Monochromacy



Original Color

43.8929, 0.3389, 0.4751

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

39.4926, 0.3244, 0.3824

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8929, 0.3389, 0.4751 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(138, 192, 93)` looks like.

```
.text, #text, p{  
    color:rgb(138, 192, 93)  
}
```

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(138, 192, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 192, 93) }
```

Border

The CSS property to change the border of an element to Yxy 43.8929, 0.3389, 0.4751 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(138, 192, 93) }
```

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

```
.border{ border-color:rgb(138, 192, 93) }
```

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

Here you see how a box with a 4 pixel rgb(138, 192, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 192, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 192, 93);  
box-shadow:4px 4px 4px 4px rgb(138, 192,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8929, 0.3389, 0.4751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 192, 93) }
```

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

```
.background{ background-color: rgb(138,  
192, 93) }
```

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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