

Converting Colors

Yxy(41.2873, 0.3499, 0.4839)

Have a look what the booklet for
Yxy(41.2873, 0.3499, 0.4839)
contains.

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Color

Yxy(41.2873, 0.3499, 0.4839)

Conversions

Conversions Part 1

Format	Color
Hex	8CBA51
RGB	140, 186, 81
RGB Percent	55%, 73%, 32%
CMY	0.4511, 0.2705, 0.6823
CMYK	0.25, 0.00, 0.56, 0.27
HSL	86°, 43%, 52%
HSV	86°, 56%, 73%
XYZ	29.8542, 41.2873, 14.1805
YIQ	160.2760, 6.2890, -42.4070

Conversions

Conversions Part 2

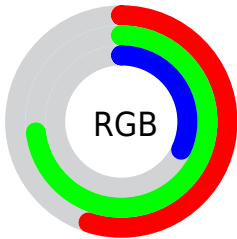
Format	Color
RYB	81, 186, 127
Decimal	9222737
CIELab	70.38, -32.43, 47.55
CIElCh	70, 57.557, 124.299
Yxy	41.2873, 0.3499, 0.4839
Android (android.graphics.Color)	4287412817 (0xFF8CBA51)
YUV	160.2760, -39.0831, -17.7821
Hunter-Lab	64.2552, -29.5122, 31.8939

Details

The Yxy color **41.2873, 0.3499, 0.4839** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **13.9476, 0.2491, 0.1689**, and the grayscale version is **35.4670, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9335, 0.3464, 0.4535**, and **18.8373, 0.3518, 0.5329** is the 20% darker color. If you saturate the color by 10%, you get **40.3648, 0.3525, 0.5095**, and if you desaturate by 10%, it is **42.3424, 0.3454, 0.4560**.

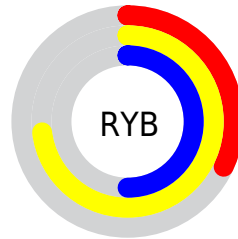
Distribution



Red (55%)

Green (73%)

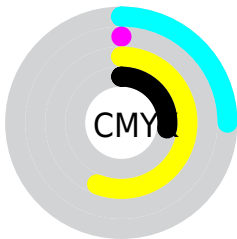
Blue (32%)



Red (32%)

Yellow (73%)

Blue (50%)

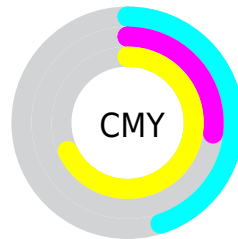


Cyan (25%)

Magenta (0%)

Yellow (56%)

Black (27%)



Cyan (45%)

Magenta (27%)

Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2873, 0.3499, 0.4839 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 41.2873, 0.3499, 0.4839 by changing the saturation by 10% instead.


 41.2873, 0.3499,
0.4839

 41.2873, 0.3499,
0.4839


351.5199, 0.3352,
0.4020


 28.5436, 0.3516,
0.5050


 77.1198, 0.3459,
0.4535

 18.7359, 0.3524,
0.5319


 100.9775, 0.3439,
0.4422


 11.4796, 0.3507,
0.5670


 129.3086, 0.3421,
0.4327

 6.3904, 0.3468,
0.6205

 162.4976, 0.3405,
0.4247

 3.0839, 0.3217,
0.6783

 200.9288, 0.3390,
0.4178

 1.1757, 0.2034,
0.7966

244.9867, 0.3376,

 0.0417, 0.0000,

0.4118

1.0000

295.0556, 0.3364,
0.4066

■ 0.0000, 0.0000,
0.0000

■ 41.2873, 0.3499,
0.4839

■ 41.2873, 0.3499,
0.4839

■ 40.3648, 0.3525,
0.5095

■ 42.3424, 0.3454,
0.4560

■ 39.5620, 0.3529,
0.5314

■ 43.5314, 0.3396,
0.4271

■ 38.8720, 0.3510,
0.5485

■ 44.8624, 0.3327,
0.3984

■ 38.2837, 0.3469,
0.5604

■ 46.3411, 0.3253,
0.3708

■ 38.0921, 0.3453,
0.5640

■ 47.9729, 0.3176,
0.3448

■ 49.7629, 0.3100,
0.3207

■ 51.7160, 0.3027,
0.2988

■ 53.8367, 0.2956,
0.2789

■ 56.1294, 0.2890,
0.2611

Harmonies

Analogous

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



41.2873, 0.4228, 0.4607



41.2873, 0.3499, 0.4839



41.2873, 0.2713, 0.4476

Triad

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



41.2873, 0.3499, 0.4839



41.2873, 0.1738, 0.2252



41.2873, 0.4226, 0.2892

Complementary

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



41.2873, 0.3499, 0.4839



13.9476, 0.2491, 0.1689

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.



41.2873, 0.3396, 0.2416



41.2873, 0.3499, 0.4839



41.2873, 0.2017, 0.2050

Square

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



41.2873, 0.3499, 0.4839



41.2873, 0.1754, 0.2780



41.2873, 0.2586, 0.2118



41.2873, 0.4726, 0.3467

Rectangle

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



41.2873, 0.3499, 0.4839



41.2873, 0.2264, 0.3931



41.2873, 0.2586, 0.2118



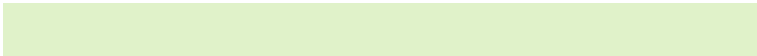
41.2873, 0.3968, 0.2718

Sweetspot

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



41.2891, 0.3499, 0.4839



83.7508, 0.3259, 0.3730



26.0867, 0.4392, 0.3915



18.3206, 0.3274, 0.3785



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.



41.2891, 0.3499, 0.4839



72.7429, 0.3528, 0.5158



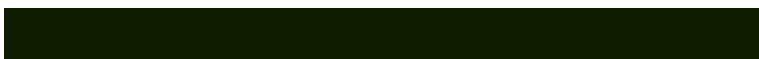
37.7922, 0.3087, 0.5057



10.3021, 0.3198, 0.3520



25.6683, 0.3462, 0.5633



0.9408, 0.3649, 0.5485

Inverse Universe

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



13.9476, 0.2491, 0.1689



18.2685, 0.2307, 0.1347



19.0163, 0.3104, 0.1942



8.9070, 0.3051, 0.3058



3.6220, 0.1922, 0.0833



0.1644, 0.2226, 0.1000

Previews

White Background



This preview shows how the Yxy color 41.2873, 0.3499, 0.4839 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 41.2873, 0.3499, 0.4839 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 41.2873, 0.3499, 0.4839

Background



This preview shows how black text looks on a background with the Yxy color 41.2873, 0.3499, 0.4839.



This preview shows how white text looks on a background with the Yxy color 41.2873, 0.3499, 0.4839.

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

41.2873, 0.3499, 0.4839

Protanopia

40.9880, 0.4089, 0.4490

Deuteranopia

40.7314, 0.4293, 0.4195



Tritanopia

41.2041, 0.2842, 0.3095

Trichromacy



Original Color

41.2873, 0.3499, 0.4839

Protanomaly

40.7650, 0.3869, 0.4624

Deuteranomaly

40.0960, 0.3991, 0.4419

Tritanomaly

40.8318, 0.3098, 0.3719

Monochromacy



Original Color

41.2873, 0.3499, 0.4839

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.7869, 0.3303, 0.3867

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2873, 0.3499, 0.4839 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(140, 186, 81)` looks like.

```
.text, #text, p{  
    color:rgb(140, 186, 81)  
}
```

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(140, 186, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 186, 81) }
```

Border

The CSS property to change the border of an element to Yxy 41.2873, 0.3499, 0.4839 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(140, 186, 81) }
```

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

```
.border{ border-color:rgb(140, 186, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 186, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 186, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 186, 81);  
box-shadow:4px 4px 4px 4px rgb(140, 186,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2873, 0.3499, 0.4839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 186, 81) }
```

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

```
.background{ background-color: rgb(140,  
186, 81) }
```

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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