

Converting Colors

$Yxy(43.3154, 0.3199, 0.4564)$

Have a look what the booklet for
Yxy(43.3154, 0.3199, 0.4564)
contains.

Yxy(43.3154, 0.3199, 0.4564)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.3154, 0.3199, 0.4564)

Conversions

Conversions Part 1

Format	Color
Hex	7FC06D
RGB	127, 192, 109
RGB Percent	50%, 75%, 43%
CMY	0.5020, 0.2470, 0.5725
CMYK	0.34, 0.00, 0.43, 0.25
HSL	107°, 40%, 59%
HSV	107°, 43%, 75%
XYZ	30.3606, 43.3154, 21.2306
YIQ	163.1030, -12.0970, -39.5930

Conversions

Conversions Part 2

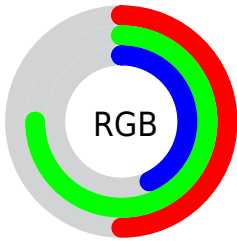
Format	Color
RYB	109, 192, 174
Decimal	8372333
CIELab	71.77, -36.52, 35.35
CIELCh	72, 50.828, 135.934
Yxy	43.3154, 0.3199, 0.4564
Android (android.graphics.Color)	4286562413 (0xFF7FC06D)
YUV	163.1030, -26.6728, -31.6623
Hunter-Lab	65.8144, -32.8320, 26.9442

Details

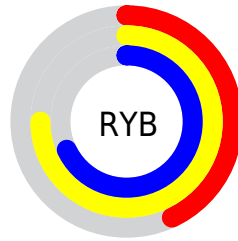
The Yxy color **43.3154, 0.3199, 0.4564** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **23.7480, 0.2978, 0.2180**, and the grayscale version is **36.8091, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3051, 0.3200, 0.4305**, and **19.9486, 0.3178, 0.4991** is the 20% darker color. If you saturate the color by 10%, you get **41.8780, 0.3200, 0.4897**, and if you desaturate by 10%, it is **45.0193, 0.3190, 0.4234**.

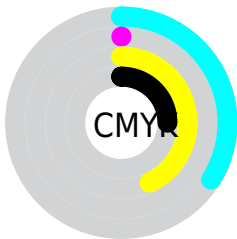
Distribution



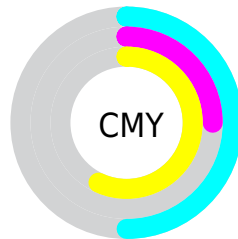
- Red (50%)
- Green (75%)
- Blue (43%)



- Red (43%)
- Yellow (75%)
- Blue (68%)



- Cyan (34%)
- Magenta (0%)
- Yellow (43%)
- Black (25%)





- Cyan (50%)
- Magenta (25%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3154, 0.3199, 0.4564 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 43.3154, 0.3199, 0.4564 by changing the saturation by 10% instead.


 43.3154, 0.3199,
0.4564

 43.3154, 0.3199,
0.4564


359.9072, 0.3188,
0.3884


 30.1327, 0.3191,
0.4746


 80.1866, 0.3202,
0.4307

 19.9393, 0.3174,
0.4985


 104.6438, 0.3201,
0.4214

 12.3509, 0.3137,
0.5311


 133.6280, 0.3200,
0.4136

 6.9831, 0.3056,
0.5775

 167.5236, 0.3198,
0.4070

 3.4516, 0.2981,
0.6722

206.7149, 0.3195,
0.4013

 1.3718, 0.2018,
0.7982

251.5863, 0.3193,

 0.1958, 0.0000,

0.3964

1.0000

302.5223, 0.3191,
0.3922

0.0000, 0.0000,
0.0000

43.3154, 0.3199,
0.4564

43.3154, 0.3199,
0.4564

41.8780, 0.3200,
0.4897

45.0193, 0.3190,
0.4234

40.6879, 0.3191,
0.5215

46.9967, 0.3175,
0.3920

39.7322, 0.3171,
0.5496


49.2611, 0.3156,
0.3630

38.9943, 0.3141,
0.5718


51.8236, 0.3134,
0.3368


38.4552, 0.3103,
0.5870

54.6947, 0.3112,
0.3135

 38.1856, 0.3077,
0.5938

 57.8841, 0.3089,
0.2930

 61.4015, 0.3067,
0.2751

 64.7556, 0.3098,
0.2662

 66.1822, 0.3156,
0.2673

Harmonies

Analogous

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



43.3154, 0.3883, 0.4572



43.3154, 0.3199, 0.4564



43.3154, 0.2533, 0.4051

Triad

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



43.3154, 0.3199, 0.4564



43.3154, 0.1956, 0.2274



43.3154, 0.4299, 0.3142

Complementary

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



43.3154, 0.3199, 0.4564



23.7480, 0.2978, 0.2180

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.



43.3154, 0.3660, 0.2666



43.3154, 0.3199, 0.4564



43.3154, 0.2313, 0.2183

Square

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



43.3154, 0.3199, 0.4564



43.3154, 0.1868, 0.2638



43.3154, 0.2916, 0.2327



43.3154, 0.4572, 0.3679

Rectangle

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



43.3154, 0.3199, 0.4564



43.3154, 0.2188, 0.3541



43.3154, 0.2916, 0.2327



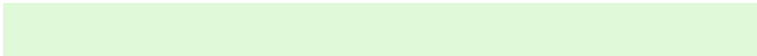
43.3154, 0.4116, 0.2973

Sweetspot

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



43.3172, 0.3199, 0.4564



89.2593, 0.3156, 0.3629



42.5931, 0.3855, 0.4142



18.9431, 0.3160, 0.3692



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.



43.3172, 0.3199, 0.4564



75.9684, 0.3200, 0.4884



42.6344, 0.2916, 0.4234



11.3616, 0.3148, 0.3526



25.7212, 0.3084, 0.5933



1.1424, 0.3243, 0.5807

Inverse Universe

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



23.7480, 0.2978, 0.2180



35.8091, 0.2931, 0.1944



24.9922, 0.3446, 0.2509



10.1339, 0.3104, 0.3061



6.9860, 0.2672, 0.1246



0.3299, 0.2798, 0.1315

Previews

White Background



This preview shows how the Yxy color 43.3154, 0.3199, 0.4564 looks on a white background.

Color Contrast Check

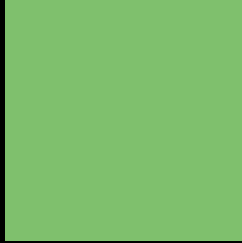
Large Text (above 18pt) WCAG AA × Fail

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 43.3154, 0.3199, 0.4564 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 43.3154, 0.3199, 0.4564

Background



This preview shows how black text looks on a background with the Yxy color 43.3154, 0.3199, 0.4564.



This preview shows how white text looks on a background with the Yxy color 43.3154, 0.3199, 0.4564.

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

43.3154, 0.3199, 0.4564

Protanopia

42.8457, 0.3898, 0.4226

Deuteranopia

42.5769, 0.4019, 0.3935



Tritanopia

43.1922, 0.2711, 0.3094

Trichromacy



Original Color

43.3154, 0.3199, 0.4564

Protanomaly

42.3925, 0.3620, 0.4357

Deuteranomaly

41.9462, 0.3695, 0.4152

Tritanomaly

43.1165, 0.2898, 0.3614

Monochromacy



Original Color

43.3154, 0.3199, 0.4564

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

38.7393, 0.3167, 0.3756

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3154, 0.3199, 0.4564 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(127, 192, 109)` looks like.

```
.text, #text, p{  
    color:rgb(127, 192, 109)  
}
```

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(127, 192, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 192, 109) }
```

Border

The CSS property to change the border of an element to Yxy 43.3154, 0.3199, 0.4564 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(127, 192, 109) }
```

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

```
.border{ border-color:rgb(127, 192, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 192, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 192, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 192, 109);  
box-shadow:4px 4px 4px 4px rgb(127, 192,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3154, 0.3199, 0.4564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 192, 109) }
```

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

```
.background{ background-color: rgb(127,  
192, 109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor