

# Converting Colors

Yxy(43.1458, 0.3115, 0.4640)

Have a look what the booklet for  
Yxy(43.1458, 0.3115, 0.4640)  
contains.

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# Color

**Yxy(43.3111, 0.3112, 0.4637)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73C26C
RGB	115, 194, 108
RGB Percent	45%, 76%, 42%
CMY	0.5491, 0.2392, 0.5763
CMYK	0.41, 0.00, 0.44, 0.24
HSL	115°, 41%, 59%
HSV	115°, 44%, 76%
XYZ	29.0671, 43.3111, 21.0251
YIQ	160.5750, -19.4780, -43.4940

# Conversions

## Conversions Part 2

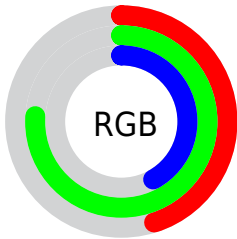
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">108, 194, 187</a>
Decimal	<a href="#">7586412</a>
CIELab	<a href="#">71.77, -41.43, 35.72</a>
CIELCh	<a href="#">72, 54.706, 139.235</a>
Yxy	<a href="#">43.3111, 0.3112, 0.4637</a>
Android (android.graphics.Color)	<a href="#">4285776492 (0xFF73C26C)</a>
YUV	<a href="#">160.5750, -25.9195, -39.9693</a>
Hunter-Lab	<a href="#">65.8112, -36.3307, 27.1261</a>

# Details

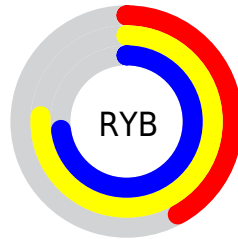
The Yxy color **43.3111, 0.3112, 0.4637** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **25.2029, 0.3101, 0.2194**, and the grayscale version is **35.5613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1136, 0.3129, 0.4359**, and **20.0223, 0.3058, 0.5100** is the 20% darker color. If you saturate the color by 10%, you get **41.8505, 0.3100, 0.4985**, and if you desaturate by 10%, it is **45.1012, 0.3120, 0.4291**.

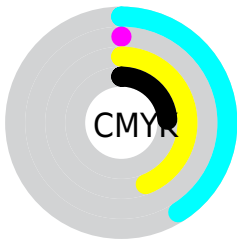
# Distribution



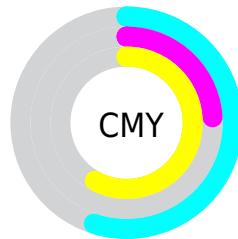
- Red (45%)
- Green (76%)
- Blue (42%)



- Red (42%)
- Yellow (76%)
- Blue (73%)



- Cyan (41%)
- Magenta (0%)
- Yellow (44%)
- Black (24%)




- Cyan (55%)
- Magenta (24%)
- Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3111, 0.3112, 0.4637 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 43.3111, 0.3112, 0.4637 by changing the saturation by 10% instead.




 43.3111, 0.3112,  
0.4637


 43.3111, 0.3112,  
0.4637


359.8896, 0.3148,  
0.3914


 30.1293, 0.3091,  
0.4832


 80.1801, 0.3133,  
0.4363


 19.9367, 0.3057,  
0.5089


 104.6361, 0.3139,  
0.4263

 12.3491, 0.2996,  
0.5441


 133.6189, 0.3142,  
0.4180

 6.9819, 0.2880,  
0.5945

 167.5130, 0.3145,  
0.4110

 3.4508, 0.2753,  
0.6991

206.7027, 0.3146,  
0.4050

 1.3713, 0.1418,  
0.8582

251.5725, 0.3147,

 0.1955, 0.0000,

0.3999

1.0000

302.5066, 0.3148,  
0.3953

0.0000, 0.0000,  
0.0000

43.3111, 0.3112,  
0.4637

43.3111, 0.3112,  
0.4637

41.8505, 0.3100,  
0.4985

45.1012, 0.3120,  
0.4291

40.6943, 0.3084,  
0.5313

47.2333, 0.3125,  
0.3964

39.8223, 0.3065,  
0.5595

49.7262, 0.3127,  
0.3664


39.2098, 0.3045,  
0.5808

52.5952, 0.3128,  
0.3396

38.8278, 0.3025,  
0.5939

55.8553, 0.3126,  
0.3160

 38.6938, 0.3017,  
0.5986

 59.5203, 0.3124,  
0.2955

 63.6035, 0.3120,  
0.2777

 67.0667, 0.3155,  
0.2693

# Harmonies

## Analogous

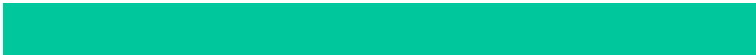
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.3111, 0.3851, 0.4690



43.3111, 0.3112, 0.4637



43.3111, 0.2417, 0.4027

# Triad

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



43.3111, 0.3112, 0.4637



43.3111, 0.1909, 0.2181



43.3111, 0.4444, 0.3185

# Complementary

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



43.3111, 0.3112, 0.4637



25.2029, 0.3101, 0.2194

# 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.



43.3111, 0.3785, 0.2673



43.3111, 0.3112, 0.4637



43.3111, 0.2315, 0.2118

# Square

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



43.3111, 0.3112, 0.4637



43.3111, 0.1784, 0.2528



43.3111, 0.2981, 0.2296



43.3111, 0.4679, 0.3755



# Rectangle

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



43.3111, 0.3112, 0.4637



43.3111, 0.2073, 0.3462



43.3111, 0.2981, 0.2296



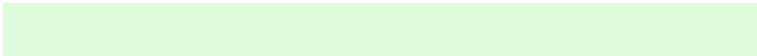
43.3111, 0.4261, 0.3004

# Sweetspot

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



43.3129, 0.3112, 0.4637



90.6250, 0.3128, 0.3632



48.0279, 0.3814, 0.4290



19.6069, 0.3127, 0.3696



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

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



43.3129, 0.3112, 0.4637



75.9288, 0.3101, 0.4969



43.7865, 0.2839, 0.4075



11.2968, 0.3128, 0.3527



25.4528, 0.3021, 0.5984



1.1133, 0.3095, 0.5925



# Inverse Universe

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



25.2029, 0.3101, 0.2194



38.9855, 0.3089, 0.1984



24.6784, 0.3600, 0.2628



10.2049, 0.3125, 0.3062



8.8288, 0.3010, 0.1432



0.3939, 0.3057, 0.1458



# Previews

## White Background



This preview shows how the Yxy color 43.3111, 0.3112, 0.4637 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 43.3111, 0.3112, 0.4637 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 43.3111, 0.3112, 0.4637**

## **Background**



This preview shows how black text looks on a background with the Yxy color 43.3111, 0.3112, 0.4637.



This preview shows how white text looks on a background with the Yxy color 43.3111, 0.3112, 0.4637.

# 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

43.3111, 0.3112, 0.4637

### Protanopia

42.8060, 0.3914, 0.4250

### Deuteranopia

42.5540, 0.4028, 0.3946



## Tritanopia

43.2637, 0.2633, 0.3091

# Trichromacy



**Original Color**

43.3111, 0.3112, 0.4637

**Protanomaly**

42.3479, 0.3585, 0.4396

**Deuteranomaly**

41.7281, 0.3650, 0.4193

**Tritanomaly**

43.1187, 0.2813, 0.3634

# Monochromacy



**Original Color**

43.3111, 0.3112, 0.4637

**Achromatopsia**

35.6400, 0.3127, 0.3290

**Achromatomaly**

37.7694, 0.3123, 0.3765

# CSS Examples

## Text

The CSS property to change the color of the text to  $Yxy$  43.3111, 0.3112, 0.4637 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(115, 194, 108)` looks like.

```
.text, #text, p{  
    color:rgb(115, 194, 108)  
}
```

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(115, 194, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 194, 108) }
```

## Border

The CSS property to change the border of an element to Yxy 43.3111, 0.3112, 0.4637 is called "border". The border property can be set on classes, ids or directly on the HTML element.

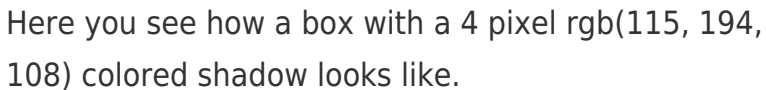
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 194, 108) }
```

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

```
.border{ border-color:rgb(115, 194, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 194, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 194, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 194, 108); box-shadow:4px 4px 4px 4px rgb(115, 194, 108) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.3111, 0.3112, 0.4637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 194, 108) }
```

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

```
.background{ background-color: rgb(115,  
194, 108) }
```

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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