

Converting Colors

Yxy(43.6186, 0.3017, 0.4820)

Have a look what the booklet for
Yxy(43.6186, 0.3017, 0.4820)
contains.

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Color

Yxy(43.8343, 0.3018, 0.4826)

Conversions

Conversions Part 1

Format	Color
Hex	60C666
RGB	96, 198, 102
RGB Percent	38%, 78%, 40%
CMY	0.6237, 0.2235, 0.6000
CMYK	0.52, 0.00, 0.48, 0.22
HSL	124°, 47%, 58%
HSV	124°, 52%, 78%
XYZ	27.4123, 43.8343, 19.5828
YIQ	156.5580, -29.9760, -51.4800

Conversions

Conversions Part 2

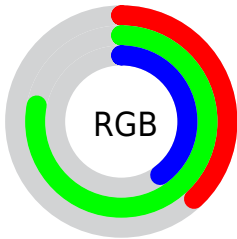
Format	Color
RYB	96, 192, 198
Decimal	6342246
CIELab	72.12, -49.47, 39.03
CIELCh	72, 63.014, 141.725
Yxy	43.8343, 0.3018, 0.4826
Android (android.graphics.Color)	4284532326 (0xFF60C666)
YUV	156.5580, -26.8971, -53.1094
Hunter-Lab	66.2075, -41.9575, 28.8085

Details

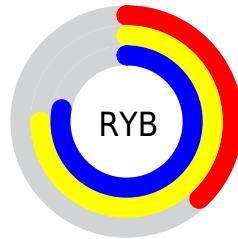
The Yxy color **43.8343, 0.3018, 0.4826** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **24.1699, 0.3252, 0.2125**, and the grayscale version is **33.6368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6589, 0.3059, 0.4502**, and **20.1999, 0.2920, 0.5343** is the 20% darker color. If you saturate the color by 10%, you get **42.5655, 0.3002, 0.5160**, and if you desaturate by 10%, it is **45.4602, 0.3038, 0.4484**.

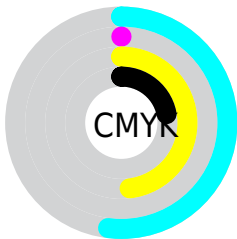
Distribution



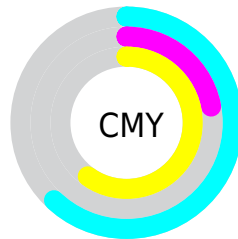
- Red (38%)
- Green (78%)
- Blue (40%)



- Red (38%)
- Yellow (75%)
- Blue (78%)



- Cyan (52%)
- Magenta (0%)
- Yellow (48%)
- Black (22%)





- Cyan (62%)
- Magenta (22%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8343, 0.3018, 0.4826 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 43.8343, 0.3018, 0.4826 by changing the saturation by 10% instead.


 43.8343, 0.3018,
0.4826

 43.8343, 0.3018,
0.4826

362.0317, 0.3110,
0.3996


 30.5403, 0.2980,
0.5050


 80.9683, 0.3062,
0.4511


 20.2490, 0.2921,
0.5346


 105.5771, 0.3075,
0.4396

 12.5762, 0.2825,
0.5751


 134.7263, 0.3085,
0.4301

 7.1374, 0.2654,
0.6324

 168.8003, 0.3093,
0.4221

 3.5482, 0.2450,
0.7550

208.1834, 0.3099,
0.4152

 1.4242, 0.0452,
0.9548

253.2601, 0.3103,

 0.2344, 0.0000,

0.4093

1.0000

304.4147, 0.3107,
0.4041

■ 0.0000, 0.0000,
0.0000

■ 43.8343, 0.3018,
0.4826

■ 43.8343, 0.3018,
0.4826

■ 42.5655, 0.3002,
0.5160

■ 45.4602, 0.3038,
0.4484

■ 41.6221, 0.2991,
0.5462

■ 47.4614, 0.3059,
0.4154

■ 40.9757, 0.2986,
0.5708

■ 49.8614, 0.3082,
0.3847

■ 40.5908, 0.2988,
0.5880

■ 52.6801, 0.3103,
0.3570

■ 40.4184, 0.2990,
0.5966

■ 55.9363, 0.3124,
0.3325

■ 59.6473, 0.3143,
0.3111

■ 63.8299, 0.3161,
0.2927

■ 68.4996, 0.3177,
0.2768

■ 68.8725, 0.3153,
0.2732

Harmonies

Analogous

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



43.8343, 0.3855, 0.4905



43.8343, 0.3018, 0.4826



43.8343, 0.2256, 0.4065

Triad

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



43.8343, 0.3018, 0.4826



43.8343, 0.1790, 0.2025



43.8343, 0.4681, 0.3204

Complementary

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



43.8343, 0.3018, 0.4826



24.1699, 0.3252, 0.2125

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.



43.8343, 0.3951, 0.2635



43.8343, 0.3018, 0.4826



43.8343, 0.2259, 0.1988

Square

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



43.8343, 0.3018, 0.4826



43.8343, 0.1626, 0.2368



43.8343, 0.3026, 0.2205



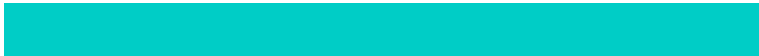
43.8343, 0.4886, 0.3833

Rectangle

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



43.8343, 0.3018, 0.4826



43.8343, 0.1895, 0.3394



43.8343, 0.3026, 0.2205



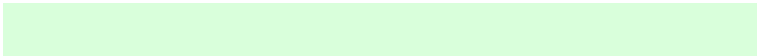
43.8343, 0.4485, 0.3004

Sweetspot

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



43.8361, 0.3018, 0.4826



91.3485, 0.3096, 0.3668



52.5615, 0.3827, 0.4543



19.3230, 0.3091, 0.3727



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.



43.8361, 0.3018, 0.4826



75.1016, 0.3000, 0.5204



45.1469, 0.2724, 0.4007



11.8979, 0.3108, 0.3514



26.2866, 0.2988, 0.5957



1.2483, 0.2946, 0.5806

Inverse Universe

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



24.1699, 0.3252, 0.2125



36.4237, 0.3282, 0.1925



22.3145, 0.3906, 0.2695



10.8054, 0.3147, 0.3076



10.1260, 0.3362, 0.1625



0.4828, 0.3327, 0.1606

Previews

White Background



This preview shows how the Yxy color 43.8343, 0.3018, 0.4826 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 43.8343, 0.3018, 0.4826 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 43.8343, 0.3018, 0.4826

Background



This preview shows how black text looks on a background with the Yxy color 43.8343, 0.3018, 0.4826.



This preview shows how white text looks on a background with the Yxy color 43.8343, 0.3018, 0.4826.

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

43.8343, 0.3018, 0.4826

Protanopia

43.1963, 0.3971, 0.4338

Deuteranopia

43.1064, 0.4085, 0.4010



Tritanopia

43.6565, 0.2529, 0.3075

Trichromacy



Original Color

43.8343, 0.3018, 0.4826



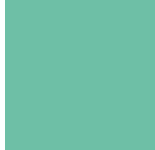
Protanomaly

42.4131, 0.3570, 0.4534



Deuteranomaly

41.8269, 0.3640, 0.4313



Tritanomaly

43.3298, 0.2706, 0.3671

Monochromacy



Original Color

43.8343, 0.3018, 0.4826



Achromatopsia

33.7164, 0.3127, 0.3290



Achromatomaly

36.4621, 0.3084, 0.3843

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8343, 0.3018, 0.4826 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(96, 198, 102)` looks like.

```
.text, #text, p{  
    color:rgb(96, 198, 102)  
}
```

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(96, 198, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 198, 102) }
```

Border

The CSS property to change the border of an element to Yxy 43.8343, 0.3018, 0.4826 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(96, 198, 102) }
```

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

```
.border{ border-color:rgb(96, 198, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 198, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 198, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 198, 102);  
box-shadow:4px 4px 4px 4px rgb(96, 198,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8343, 0.3018, 0.4826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 198, 102) }
```

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

```
.background{ background-color: rgb(96, 198,  
102) }
```

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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