

Converting Colors

Yxy(43.7016, 0.2915, 0.4392)

Have a look what the booklet for
Yxy(43.7016, 0.2915, 0.4392)
contains.

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Color

Yxy(43.8698, 0.2920, 0.4403)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 67C47E |
| RGB | 103, 196, 126 |
| RGB Percent | 40%, 77%, 49% |
| CMY | 0.5963, 0.2313, 0.5059 |
| CMYK | 0.47, 0.00, 0.36, 0.23 |
| HSL | 135°, 44%, 59% |
| HSV | 135°, 47%, 77% |
| XYZ | 29.0938, 43.8698, 26.6726 |
| YIQ | 160.2130, -32.9580, -41.4860 |

Conversions

Conversions Part 2

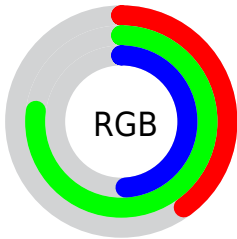
| Format | Color |
|-------------------------------------|--|
| RYB | 103, 178, 196 |
| Decimal | 6800510 |
| CIELab | 72.14, -42.95, 26.83 |
| CIElCh | 72, 50.640, 148.011 |
| Yxy | 43.8698, 0.2920, 0.4403 |
| Android (android.graphics.Color) | 4284990590 (0xFF67C47E) |
| YUV | 160.2130, -16.8670, -50.1758 |
| Hunter-Lab | 66.2343, -37.5029, 22.4879 |

Details

The Yxy color **43.8698, 0.2920, 0.4403** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **24.4404, 0.3447, 0.2397**, and the grayscale version is **35.3418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8762, 0.2972, 0.4176**, and **20.1294, 0.2827, 0.4777** is the 20% darker color. If you saturate the color by 10%, you get **42.4931, 0.2893, 0.4688**, and if you desaturate by 10%, it is **45.5779, 0.2956, 0.4129**.

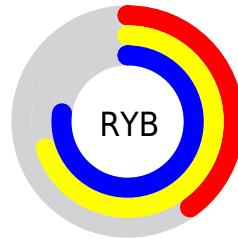
Distribution



Red (40%)

Green (77%)

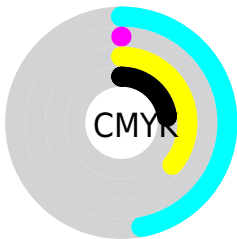
Blue (49%)



Red (40%)

Yellow (70%)

Blue (77%)

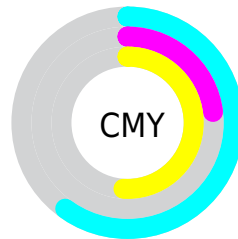


Cyan (47%)

Magenta (0%)

Yellow (36%)

Black (23%)



Cyan (60%)


Magenta (23%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8698, 0.2920, 0.4403 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 43.8698, 0.2920, 0.4403 by changing the saturation by 10% instead.


 43.8698, 0.2920,
0.4403

 43.8698, 0.2920,
0.4403


362.1767, 0.3044,
0.3806


 30.5682, 0.2882,
0.4565


 81.0218, 0.2970,
0.4176

 20.2702, 0.2828,
0.4781


 105.6409, 0.2987,
0.4094

 12.5916, 0.2747,
0.5080


 134.8014, 0.3001,
0.4026

 7.1480, 0.2617,
0.5520

 168.8875, 0.3013,
0.3968

 3.5548, 0.2386,
0.6225

208.2837, 0.3023,
0.3919

 1.4278, 0.1383,
0.8617

253.3744, 0.3031,

 0.2371, 0.0000,

0.3876

1.0000

304.5439, 0.3038,
0.3839

0.0000, 0.0000,
0.0000

43.8698, 0.2920,
0.4403

43.8698, 0.2920,
0.4403

42.4931, 0.2893,
0.4688

45.5779, 0.2956,
0.4129

41.4205, 0.2878,
0.4971

47.6315, 0.2999,
0.3873

40.6295, 0.2876,
0.5240


50.0507, 0.3045,
0.3640


40.0918, 0.2890,
0.5479


52.8523, 0.3092,
0.3431

39.7677, 0.2915,
0.5675

56.0521, 0.3139,
0.3246

 39.7036, 0.2921,
0.5717

 59.6649, 0.3185,
0.3084

 63.7049, 0.3229,
0.2943

 67.2742, 0.3234,
0.2814

 67.9654, 0.3154,
0.2713

Harmonies

Analogous

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



43.8698, 0.3615, 0.4617



43.8698, 0.2920, 0.4403



43.8698, 0.2318, 0.3745

Triad

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



43.8698, 0.2920, 0.4403



43.8698, 0.2075, 0.2214



43.8698, 0.4452, 0.3355

Complementary

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



43.8698, 0.2920, 0.4403



24.4404, 0.3447, 0.2397

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.



43.8698, 0.3940, 0.2849



43.8698, 0.2920, 0.4403



43.8698, 0.2534, 0.2222

Square

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



43.8698, 0.2920, 0.4403



43.8698, 0.1879, 0.2463



43.8698, 0.3209, 0.2449



43.8698, 0.4541, 0.3894

Rectangle

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



43.8698, 0.2920, 0.4403



43.8698, 0.2045, 0.3232



43.8698, 0.3209, 0.2449



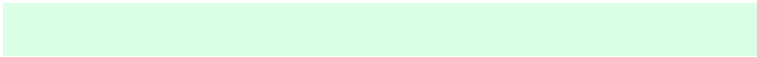
43.8698, 0.4323, 0.3179

Sweetspot

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



43.8716, 0.2920, 0.4403



92.2362, 0.3060, 0.3569



49.4960, 0.3627, 0.4521



19.5137, 0.3050, 0.3616



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.



43.8716, 0.2920, 0.4403



76.8776, 0.2892, 0.4699



45.3128, 0.2644, 0.3664



11.2989, 0.3083, 0.3468



25.5195, 0.2915, 0.5695



1.1141, 0.2788, 0.5238

Inverse Universe

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



24.4404, 0.3447, 0.2397



37.4500, 0.3543, 0.2228



22.9774, 0.4059, 0.2962



10.2035, 0.3175, 0.3118



8.9173, 0.3946, 0.1947



0.3957, 0.3748, 0.1839

Previews

White Background



This preview shows how the Yxy color 43.8698, 0.2920, 0.4403 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 43.8698, 0.2920, 0.4403 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 43.8698, 0.2920, 0.4403

Background



This preview shows how black text looks on a background with the Yxy color 43.8698, 0.2920, 0.4403.



This preview shows how white text looks on a background with the Yxy color 43.8698, 0.2920, 0.4403.

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

43.8698, 0.2920, 0.4403

Protanopia

43.4350, 0.3761, 0.4055

Deuteranopia

43.3073, 0.3825, 0.3757



Tritanopia

43.8699, 0.2546, 0.3076

Trichromacy



Original Color

43.8698, 0.2920, 0.4403



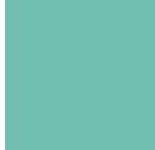
Protanomaly

42.6184, 0.3407, 0.4187



Deuteranomaly

42.2869, 0.3439, 0.3983



Tritanomaly

43.4603, 0.2679, 0.3529

Monochromacy



Original Color

43.8698, 0.2920, 0.4403



Achromatopsia

35.1533, 0.3127, 0.3290



Achromatomaly

37.5142, 0.3031, 0.3675

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8698, 0.2920, 0.4403 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(103, 196, 126)` looks like.

```
.text, #text, p{  
    color:rgb(103, 196, 126)  
}
```

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(103, 196, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 196, 126) }
```

Border

The CSS property to change the border of an element to Yxy 43.8698, 0.2920, 0.4403 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(103, 196, 126) }
```

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

```
.border{ border-color:rgb(103, 196, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 196, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 196, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 196, 126);  
box-shadow:4px 4px 4px 4px rgb(103, 196,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8698, 0.2920, 0.4403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 196, 126) }
```

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

```
.background{ background-color: rgb(103,  
196, 126) }
```

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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