

Converting Colors

Yxy(43.9043, 0.3110, 0.5114)

Have a look what the booklet for
Yxy(43.9043, 0.3110, 0.5114)
contains.

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Color

Yxy(43.9043, 0.3110, 0.5114)

Conversions

Conversions Part 1

Format	Color
Hex	5FC753
RGB	95, 199, 83
RGB Percent	37%, 78%, 33%
CMY	0.6276, 0.2196, 0.6746
CMYK	0.52, 0.00, 0.58, 0.22
HSL	114°, 51%, 55%
HSV	114°, 58%, 78%
XYZ	26.6997, 43.9043, 15.2472
YIQ	154.6800, -24.7480, -58.1240

Conversions

Conversions Part 2

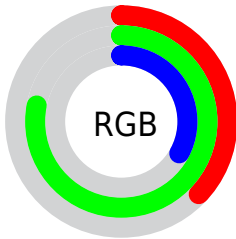
Format	Color
RYB	83, 199, 187
Decimal	6276947
CIELab	72.16, -52.56, 48.15
CIELCh	72, 71.280, 137.507
Yxy	43.9043, 0.3110, 0.5114
Android (android.graphics.Color)	4284467027 (0xFF5FC753)
YUV	154.6800, -35.3382, -52.3394
Hunter-Lab	66.2603, -44.0286, 32.7390

Details

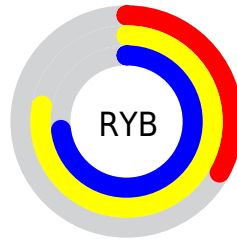
The Yxy color **43.9043, 0.3110, 0.5114** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **20.8788, 0.3053, 0.1880**, and the grayscale version is **32.7917, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0699, 0.3150, 0.4728**, and **20.2821, 0.3009, 0.5718** is the 20% darker color. If you saturate the color by 10%, you get **42.7934, 0.3093, 0.5425**, and if you desaturate by 10%, it is **45.3260, 0.3122, 0.4773**.

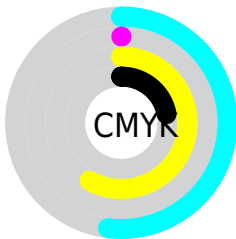
Distribution



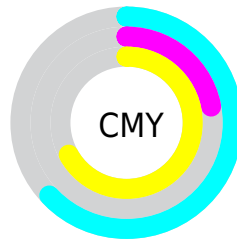
- Red (37%)
- Green (78%)
- Blue (33%)



- Red (33%)
- Yellow (78%)
- Blue (73%)



- Cyan (52%)
- Magenta (0%)
- Yellow (58%)
- Black (22%)



- Cyan (63%)
- Magenta (22%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9043, 0.3110, 0.5114 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 43.9043, 0.3110, 0.5114 by changing the saturation by 10% instead.


 43.9043, 0.3110,
0.5114


 43.9043, 0.3110,
0.5114


362.3176, 0.3173,
0.4130

 30.5953, 0.3071,
0.5375


 81.0737, 0.3149,
0.4743

 20.2909, 0.3007,
0.5714


 105.7029, 0.3159,
0.4607


 12.6066, 0.2893,
0.6164


 134.8743, 0.3165,
0.4494

 7.1582, 0.2698,
0.6815

 168.9722, 0.3169,
0.4399

 3.5613, 0.2305,
0.7695

 208.3811, 0.3171,
0.4317

 1.4313, 0.0000,
1.0000

253.4854, 0.3173,


 0.2396, 0.0000,


0.4246


1.0000


304.6694, 0.3173,
0.4184


 0.0000, 0.0000,
0.0000

 43.9043, 0.3110,
0.5114


 43.9043, 0.3110,
0.5114


 42.7934, 0.3093,
0.5425


 45.3260, 0.3122,
0.4773


 41.9649, 0.3071,
0.5682


 47.0736, 0.3130,
0.4426

 41.3944, 0.3048,
0.5864

 49.1677, 0.3133,
0.4091

 41.0478, 0.3026,
0.5968

 51.6256, 0.3133,
0.3780

 41.0058, 0.3023,
0.5982

 54.4637, 0.3131,
0.3499

■ 57.6970, 0.3126,
0.3250

■ 61.3400, 0.3121,
0.3032

■ 65.4063, 0.3115,
0.2843

■ 69.3316, 0.3153,
0.2742

Harmonies

Analogous

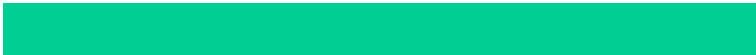
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.9043, 0.4028, 0.5044



43.9043, 0.3110, 0.5114



43.9043, 0.2245, 0.4333

Triad

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



43.9043, 0.3110, 0.5114



43.9043, 0.1610, 0.1918



43.9043, 0.4796, 0.3080

Complementary

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



43.9043, 0.3110, 0.5114



20.8788, 0.3053, 0.1880

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.



43.9043, 0.3907, 0.2482



43.9043, 0.3110, 0.5114



43.9043, 0.2067, 0.1845

Square

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



43.9043, 0.3110, 0.5114



43.9043, 0.1477, 0.2333



43.9043, 0.2868, 0.2046



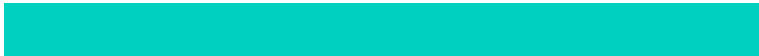
43.9043, 0.5102, 0.3753

Rectangle

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



43.9043, 0.3110, 0.5114



43.9043, 0.1822, 0.3553



43.9043, 0.2868, 0.2046



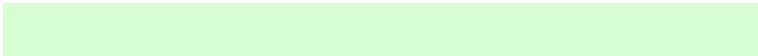
43.9043, 0.4548, 0.2868

Sweetspot

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



43.9061, 0.3110, 0.5114



90.8731, 0.3133, 0.3749



47.6644, 0.4040, 0.4524



19.2484, 0.3133, 0.3809



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.



43.9061, 0.3110, 0.5114



74.4768, 0.3087, 0.5502



44.2343, 0.2802, 0.4450



11.9393, 0.3131, 0.3528



26.3831, 0.3027, 0.5978



1.2674, 0.3114, 0.5909

Inverse Universe

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



20.8788, 0.3053, 0.1880



30.3924, 0.3024, 0.1657



20.6788, 0.3769, 0.2397



10.7589, 0.3122, 0.3061



8.7964, 0.2953, 0.1400



0.4329, 0.3010, 0.1432

Previews

White Background



This preview shows how the Yxy color 43.9043, 0.3110, 0.5114 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 43.9043, 0.3110, 0.5114 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 43.9043, 0.3110, 0.5114

Background



This preview shows how black text looks on a background with the Yxy color 43.9043, 0.3110, 0.5114.



This preview shows how white text looks on a background with the Yxy color 43.9043, 0.3110, 0.5114.

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

43.9043, 0.3110, 0.5114

Protanopia

43.1746, 0.4114, 0.4516

Deuteranopia

43.0091, 0.4271, 0.4168



Tritanopia

43.7980, 0.2541, 0.3076

Trichromacy



Original Color

43.9043, 0.3110, 0.5114



Protanomaly

42.2164, 0.3696, 0.4750



Deuteranomaly

41.7321, 0.3784, 0.4520



Tritanomaly

43.1443, 0.2757, 0.3783

Monochromacy



Original Color

43.9043, 0.3110, 0.5114



Achromatopsia

32.7778, 0.3127, 0.3290



Achromatomaly

35.6973, 0.3131, 0.3963

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9043, 0.3110, 0.5114 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(95, 199, 83)` looks like.

```
.text, #text, p{  
    color:rgb(95, 199, 83)  
}
```

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(95, 199, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 199, 83) }
```

Border

The CSS property to change the border of an element to Yxy 43.9043, 0.3110, 0.5114 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(95, 199, 83) }
```

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

```
.border{ border-color:rgb(95, 199, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 199, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 199, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 199, 83);  
box-shadow:4px 4px 4px 4px rgb(95, 199,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9043, 0.3110, 0.5114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 199, 83) }
```

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

```
.background{ background-color: rgb(95, 199,  
83) }
```

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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