

Converting Colors

Yxy(53.4762, 0.3325, 0.4808)

Have a look what the booklet for
Yxy(53.4762, 0.3325, 0.4808)
contains.

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Color

Yxy(53.3678, 0.3331, 0.4808)

Conversions

Conversions Part 1

Format	Color
Hex	8FD365
RGB	143, 211, 101
RGB Percent	56%, 83%, 40%
CMY	0.4391, 0.1725, 0.6040
CMYK	0.32, 0.00, 0.52, 0.17
HSL	97°, 56%, 61%
HSV	97°, 52%, 83%
XYZ	36.9734, 53.3678, 20.6567
YIQ	178.1280, -5.2180, -48.6260

Conversions

Conversions Part 2

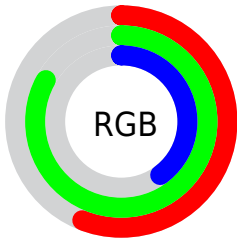
Format	Color
RYB	101, 211, 169
Decimal	9425765
CIELab	78.09, -40.57, 47.31
CIELCh	78, 62.322, 130.618
Yxy	53.3678, 0.3331, 0.4808
Android (android.graphics.Color)	4287615845 (0xFF8FD365)
YUV	178.1280, -38.0241, -30.8073
Hunter-Lab	73.0533, -37.5016, 34.3723

Details

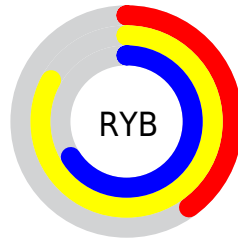
The Yxy color **53.3678, 0.3331, 0.4808** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **22.4345, 0.2743, 0.1879**, and the grayscale version is **44.8022, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1325, 0.3349, 0.4410**, and **26.0734, 0.3319, 0.5256** is the 20% darker color. If you saturate the color by 10%, you get **51.9115, 0.3339, 0.5107**, and if you desaturate by 10%, it is **55.0701, 0.3308, 0.4494**.

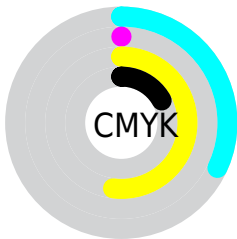
Distribution



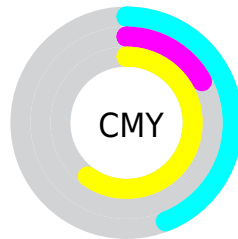
- Red (56%)
- Green (83%)
- Blue (40%)



- Red (40%)
- Yellow (83%)
- Blue (66%)



- Cyan (32%)
- Magenta (0%)
- Yellow (52%)
- Black (17%)



- Cyan (44%)
- Magenta (17%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3678, 0.3331, 0.4808 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 53.3678, 0.3331, 0.4808 by changing the saturation by 10% instead.

 53.3678, 0.3331,
0.4808


 53.3678, 0.3331,
0.4808

399.6946, 0.3270,
0.4027

 38.0965, 0.3331,
0.5003


 95.1454, 0.3320,
0.4523

 26.0576, 0.3321,
0.5252


 122.4204, 0.3312,
0.4416

 16.8667, 0.3290,
0.5575


 154.4654, 0.3305,
0.4325

 10.1395, 0.3215,
0.6003

 191.6649, 0.3297,
0.4248

 5.4916, 0.3131,
0.6771

234.4031, 0.3290,
0.4182

 2.5385, 0.2650,
0.7350

283.0646, 0.3283,

 0.8958, 0.0000,

0.4124

1.0000

338.0336, 0.3276,
0.4073

■ 0.0000, 0.0000,
0.0000

■ 53.3678, 0.3331,
0.4808

■ 53.3678, 0.3331,
0.4808

■ 51.9115, 0.3339,
0.5107

■ 55.0701, 0.3308,
0.4494

■ 50.6813, 0.3330,
0.5373

■ 57.0233, 0.3274,
0.4181

■ 49.6651, 0.3302,
0.5590

■ 59.2405, 0.3232,
0.3880

■ 48.8465, 0.3257,
0.5745

■ 61.7321, 0.3186,
0.3599

■ 48.3227, 0.3216,
0.5829

■ 64.5077, 0.3138,
0.3342

■ 67.5765, 0.3089,
0.3110

■ 70.9471, 0.3042,
0.2902

■ 73.6394, 0.3093,
0.2854

■ 75.0689, 0.3147,
0.2861

Harmonies

Analogous

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



53.3678, 0.4085, 0.4685



53.3678, 0.3331, 0.4808



53.3678, 0.2564, 0.4315

Triad

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



53.3678, 0.3331, 0.4808



53.3678, 0.1779, 0.2190



53.3678, 0.4362, 0.3009

Complementary

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



53.3678, 0.3331, 0.4808



22.4345, 0.2743, 0.1879

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.



53.3678, 0.3578, 0.2508



53.3678, 0.3331, 0.4808



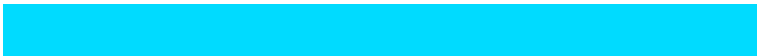
53.3678, 0.2118, 0.2049

Square

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



53.3678, 0.3331, 0.4808



53.3678, 0.1732, 0.2644



53.3678, 0.2744, 0.2169



53.3678, 0.4756, 0.3594

Rectangle

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



53.3678, 0.3331, 0.4808



53.3678, 0.2151, 0.3733



53.3678, 0.2744, 0.2169



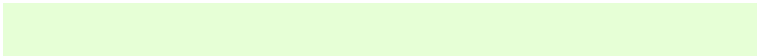
53.3678, 0.4129, 0.2829

Sweetspot

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



53.3701, 0.3331, 0.4808



93.1743, 0.3205, 0.3710



43.0984, 0.4138, 0.4112



19.7729, 0.3214, 0.3768



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.



53.3701, 0.3331, 0.4808



79.3778, 0.3339, 0.5150



50.5646, 0.2983, 0.4761



13.4233, 0.3173, 0.3526



29.2172, 0.3226, 0.5821



1.6787, 0.3373, 0.5704

Inverse Universe

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



22.4345, 0.2743, 0.1879



26.7038, 0.2627, 0.1586



27.2361, 0.3324, 0.2169



11.7740, 0.3078, 0.3057



5.7798, 0.2277, 0.1028



0.3680, 0.2448, 0.1122

Previews

White Background



This preview shows how the Yxy color 53.3678, 0.3331, 0.4808 looks on a white background.

Color Contrast Check

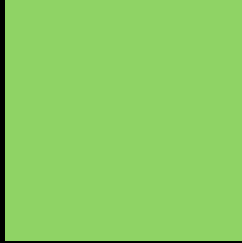
Large Text (above 18pt) WCAG AA × Fail

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 53.3678, 0.3331, 0.4808 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 53.3678, 0.3331, 0.4808

Background



This preview shows how black text looks on a background with the Yxy color 53.3678, 0.3331, 0.4808.

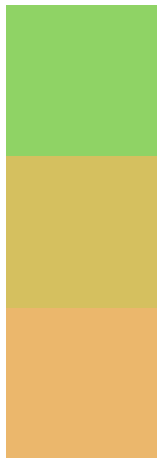


This preview shows how white text looks on a background with the Yxy color 53.3678, 0.3331, 0.4808.

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

53.3678, 0.3331, 0.4808

Protanopia

52.6716, 0.4047, 0.4409

Deuteranopia

52.6118, 0.4211, 0.4110



Tritanopia

53.3302, 0.2742, 0.3086

Trichromacy



Original Color

53.3678, 0.3331, 0.4808



Protanomaly

52.4013, 0.3771, 0.4562



Deuteranomaly

51.7164, 0.3876, 0.4360



Tritanomaly

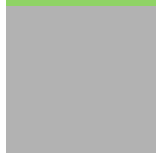
52.6379, 0.2961, 0.3683

Monochromacy



Original Color

53.3678, 0.3331, 0.4808



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

47.0283, 0.3224, 0.3845

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3678, 0.3331, 0.4808 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(143, 211, 101)` looks like.

```
.text, #text, p{  
    color:rgb(143, 211, 101)  
}
```

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(143, 211, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 211, 101) }
```

Border

The CSS property to change the border of an element to Yxy 53.3678, 0.3331, 0.4808 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(143, 211, 101) }
```

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

```
.border{ border-color:rgb(143, 211, 101) }
```

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

Here you see how a box with a 4 pixel rgb(143, 211, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 211, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 211, 101);  
box-shadow:4px 4px 4px 4px rgb(143, 211,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3678, 0.3331, 0.4808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 211, 101) }
```

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

```
.background{ background-color: rgb(143,  
211, 101) }
```

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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