

Converting Colors

Yxy(44.2538, 0.3282, 0.5068)

Have a look what the booklet for
Yxy(44.2538, 0.3282, 0.5068)
contains.

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Color

Yxy(44.2789, 0.3284, 0.5065)

Conversions

Conversions Part 1

Format	Color
Hex	75C54F
RGB	117, 197, 79
RGB Percent	46%, 77%, 31%
CMY	0.5414, 0.2274, 0.6901
CMYK	0.41, 0.00, 0.60, 0.23
HSL	101°, 50%, 54%
HSV	101°, 60%, 77%
XYZ	28.7092, 44.2789, 14.4333
YIQ	159.6280, -9.8020, -53.6580

Conversions

Conversions Part 2

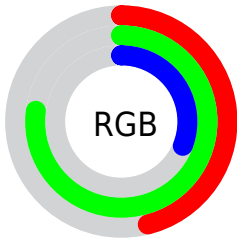
Format	Color
RYB	79, 197, 159
Decimal	7718223
CIELab	72.41, -45.62, 50.46
CIELCh	72, 68.026, 132.114
Yxy	44.2789, 0.3284, 0.5065
Android (android.graphics.Color)	4285908303 (0xFF75C54F)
YUV	159.6280, -39.7496, -37.3848
Hunter-Lab	66.5424, -39.4368, 33.7195

Details

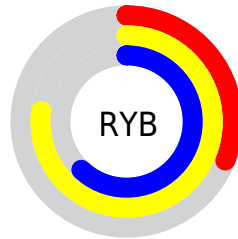
The Yxy color **44.2789, 0.3284, 0.5065** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **17.0049, 0.2750, 0.1720**, and the grayscale version is **35.1599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4338, 0.3289, 0.4712**, and **20.3726, 0.3228, 0.5619** is the 20% darker color. If you saturate the color by 10%, you get **43.1748, 0.3274, 0.5348**, and if you desaturate by 10%, it is **45.6040, 0.3279, 0.4753**.

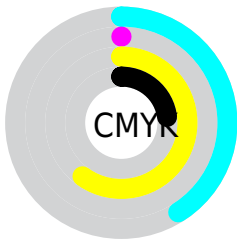
Distribution



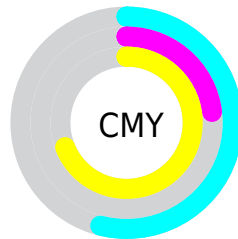
- Red (46%)
- Green (77%)
- Blue (31%)



- Red (31%)
- Yellow (77%)
- Blue (62%)



- Cyan (41%)
- Magenta (0%)
- Yellow (60%)
- Black (23%)





- Cyan (54%)
- Magenta (23%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2789, 0.3284, 0.5065 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 44.2789, 0.3284, 0.5065 by changing the saturation by 10% instead.


 44.2789, 0.3284,
0.5065


 44.2789, 0.3284,
0.5065


363.8452, 0.3260,
0.4120

 30.8898, 0.3267,
0.5310


 81.6373, 0.3291,
0.4712

 20.5150, 0.3229,
0.5624

 106.3753, 0.3289,
0.4582

 12.7699, 0.3149,
0.6035


 135.6652, 0.3285,
0.4473

 7.2703, 0.3012,
0.6642

 169.8912, 0.3280,
0.4381

 3.6317, 0.2655,
0.7345

 209.4379, 0.3275,
0.4302

 1.4698, 0.1159,
0.8841

254.6895, 0.3270,

 0.2673, 0.0000,

0.4233

1.0000

306.0304, 0.3265,
0.4173

■ 0.0000, 0.0000,
0.0000

■ 44.2789, 0.3284,
0.5065

■ 44.2789, 0.3284,
0.5065

■ 43.1748, 0.3274,
0.5348

■ 45.6040, 0.3279,
0.4753

■ 42.2726, 0.3248,
0.5585

■ 47.1565, 0.3262,
0.4432

■ 41.5592, 0.3207,
0.5759

■ 48.9494, 0.3235,
0.4115

■ 41.0107, 0.3158,
0.5874

■ 50.9930, 0.3202,
0.3816

■ 41.0054, 0.3158,
0.5875

■ 53.2969, 0.3165,
0.3539

■ 55.8703, 0.3127,
0.3287

■ 58.7218, 0.3088,
0.3063

■ 61.8598, 0.3050,
0.2863

■ 65.2063, 0.3023,
0.2699

Harmonies

Analogous

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



44.2789, 0.4150, 0.4896



44.2789, 0.3284, 0.5065



44.2789, 0.2424, 0.4458

Triad

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



44.2789, 0.3284, 0.5065



44.2789, 0.1621, 0.2020



44.2789, 0.4596, 0.2984

Complementary

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



44.2789, 0.3284, 0.5065



17.0049, 0.2750, 0.1720

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.



44.2789, 0.3691, 0.2426



44.2789, 0.3284, 0.5065



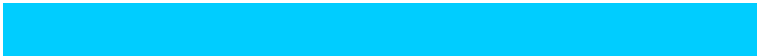
44.2789, 0.2007, 0.1891

Square

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



44.2789, 0.3284, 0.5065



44.2789, 0.1548, 0.2495



44.2789, 0.2722, 0.2040



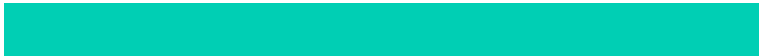
44.2789, 0.5010, 0.3630

Rectangle

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



44.2789, 0.3284, 0.5065



44.2789, 0.1974, 0.3744



44.2789, 0.2722, 0.2040



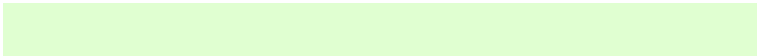
44.2789, 0.4331, 0.2785

Sweetspot

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



44.2808, 0.3284, 0.5065



91.9528, 0.3196, 0.3769



36.7811, 0.4259, 0.4279



19.4353, 0.3207, 0.3855



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.



44.2808, 0.3284, 0.5065



76.7597, 0.3267, 0.5430



42.4953, 0.2940, 0.4912



12.0506, 0.3163, 0.3525



27.0080, 0.3166, 0.5868



1.3181, 0.3334, 0.5735

Inverse Universe

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



17.0049, 0.2750, 0.1720



23.5098, 0.2636, 0.1438



20.6543, 0.3433, 0.2098



10.6391, 0.3087, 0.3059



6.0137, 0.2418, 0.1106



0.3225, 0.2588, 0.1199

Previews

White Background



This preview shows how the Yxy color 44.2789, 0.3284, 0.5065 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 44.2789, 0.3284, 0.5065 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 44.2789, 0.3284, 0.5065

Background



This preview shows how black text looks on a background with the Yxy color 44.2789, 0.3284, 0.5065.



This preview shows how white text looks on a background with the Yxy color 44.2789, 0.3284, 0.5065.

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

44.2789, 0.3284, 0.5065

Protanopia

43.7956, 0.4144, 0.4543

Deuteranopia

43.4451, 0.4311, 0.4224



Tritanopia

44.1864, 0.2655, 0.3080

Trichromacy



Original Color

44.2789, 0.3284, 0.5065



Protanomaly

43.1138, 0.3805, 0.4747



Deuteranomaly

42.7040, 0.3905, 0.4535



Tritanomaly

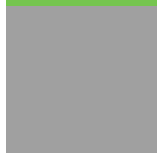
43.5413, 0.2904, 0.3785

Monochromacy



Original Color

44.2789, 0.3284, 0.5065



Achromatopsia

35.1533, 0.3127, 0.3290



Achromatomaly

37.4551, 0.3212, 0.3939

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2789, 0.3284, 0.5065 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(117, 197, 79)` looks like.

```
.text, #text, p{  
    color:rgb(117, 197, 79)  
}
```

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(117, 197, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 197, 79) }
```

Border

The CSS property to change the border of an element to Yxy 44.2789, 0.3284, 0.5065 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(117, 197, 79) }
```

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

```
.border{ border-color:rgb(117, 197, 79) }
```

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

Here you see how a box with a 4 pixel rgb(117, 197, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 197, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 197, 79);  
box-shadow:4px 4px 4px 4px rgb(117, 197,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2789, 0.3284, 0.5065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 197, 79) }
```

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

```
.background{ background-color: rgb(117,  
197, 79) }
```

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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