

Converting Colors

Yxy(54.4682, 0.3296, 0.5175)

Have a look what the booklet for
Yxy(54.4682, 0.3296, 0.5175)
contains.

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Color

Yxy(54.5502, 0.3293, 0.5179)

Conversions

Conversions Part 1

Format	Color
Hex	7DD94F
RGB	125, 217, 79
RGB Percent	49%, 85%, 31%
CMY	0.5097, 0.1490, 0.6903
CMYK	0.42, 0.00, 0.64, 0.15
HSL	100°, 64%, 58%
HSV	100°, 64%, 85%
XYZ	34.6850, 54.5502, 16.0944
YIQ	173.7600, -10.5340, -62.4220

Conversions

Conversions Part 2

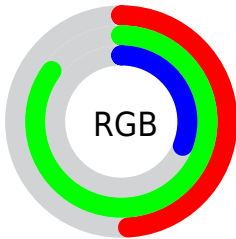
Format	Color
RYB	79, 217, 171
Decimal	8247631
CIELab	78.78, -51.24, 57.67
CIELCh	79, 77.142, 131.620
Yxy	54.5502, 0.3293, 0.5179
Android (android.graphics.Color)	4286437711 (0xFF7DD94F)
YUV	173.7600, -46.7167, -42.7625
Hunter-Lab	73.8581, -45.4250, 38.7808

Details

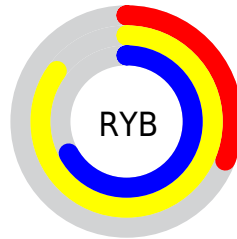
The Yxy color **54.5502, 0.3293, 0.5179** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **19.2512, 0.2697, 0.1617**, and the grayscale version is **42.4507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2807, 0.3345, 0.4681**, and **26.6917, 0.3232, 0.5713** is the 20% darker color. If you saturate the color by 10%, you get **53.2759, 0.3277, 0.5445**, and if you desaturate by 10%, it is **56.0907, 0.3293, 0.4876**.

Distribution



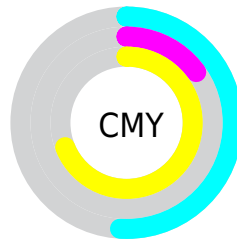
- Red (49%)
- Green (85%)
- Blue (31%)



- Red (31%)
- Yellow (85%)
- Blue (67%)



- Cyan (42%)
- Magenta (0%)
- Yellow (64%)
- Black (15%)





- Cyan (51%)
- Magenta (15%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5502, 0.3293, 0.5179 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 54.5502, 0.3293, 0.5179 by changing the saturation by 10% instead.


 54.5502, 0.3293,
0.5179

 54.5502, 0.3293,
0.5179

404.2046, 0.3276,
0.4208


 39.0417, 0.3273,
0.5418


 96.8816, 0.3304,
0.4826


 26.7922, 0.3232,
0.5717


 124.4733, 0.3303,
0.4693

 17.4172, 0.3154,
0.6095


 156.8616, 0.3300,
0.4580

 10.5324, 0.3007,
0.6591

 194.4308, 0.3296,
0.4484

 5.7534, 0.2736,
0.7264

 237.5653, 0.3291,
0.4401

 2.6957, 0.2121,
0.7879

286.6495, 0.3286,

 0.9750, 0.0000,

0.4328

1.0000

342.0678, 0.3281,
0.4264

■ 0.0000, 0.0000,
0.0000

■ 54.5502, 0.3293,
0.5179

■ 54.5502, 0.3293,
0.5179

■ 53.2759, 0.3277,
0.5445

■ 56.0907, 0.3293,
0.4876

■ 52.2436, 0.3244,
0.5657

■ 57.9058, 0.3279,
0.4556

■ 51.4355, 0.3198,
0.5804

■ 60.0120, 0.3253,
0.4236

■ 51.0190, 0.3165,
0.5869

■ 62.4225, 0.3220,
0.3928

■ 65.1493, 0.3182,
0.3641

■ 68.2041, 0.3142,
0.3378

■ 71.5977, 0.3101,
0.3142

■ 75.3405, 0.3061,
0.2932

■ 78.1055, 0.3145,
0.2920

Harmonies

Analogous

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



54.5502, 0.4198, 0.4962



54.5502, 0.3293, 0.5179



54.5502, 0.2392, 0.4552

Triad

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



54.5502, 0.3293, 0.5179



54.5502, 0.1551, 0.1962



54.5502, 0.4667, 0.2951

Complementary

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



54.5502, 0.3293, 0.5179



19.2512, 0.2697, 0.1617

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.



54.5502, 0.3702, 0.2376



54.5502, 0.3293, 0.5179



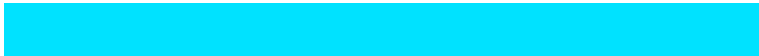
54.5502, 0.1944, 0.1829

Square

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



54.5502, 0.3293, 0.5179



54.5502, 0.1479, 0.2457



54.5502, 0.2682, 0.1980



54.5502, 0.5109, 0.3617

Rectangle

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



54.5502, 0.3293, 0.5179



54.5502, 0.1922, 0.3787



54.5502, 0.2682, 0.1980



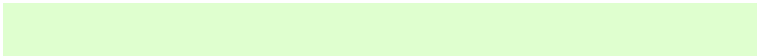
54.5502, 0.4383, 0.2745

Sweetspot

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



54.5525, 0.3293, 0.5179



91.6461, 0.3204, 0.3798



43.5781, 0.4363, 0.4306



19.3790, 0.3215, 0.3882



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.



54.5525, 0.3293, 0.5179



76.2847, 0.3269, 0.5517



52.2011, 0.2944, 0.5069



14.8162, 0.3166, 0.3528



30.9362, 0.3175, 0.5861



2.0504, 0.3302, 0.5760

Inverse Universe

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



19.2512, 0.2697, 0.1617



21.5688, 0.2578, 0.1355



24.3403, 0.3432, 0.2017



13.0459, 0.3085, 0.3056



6.7141, 0.2386, 0.1088



0.4814, 0.2523, 0.1163

Previews

White Background



This preview shows how the Yxy color 54.5502, 0.3293, 0.5179 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 54.5502, 0.3293, 0.5179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

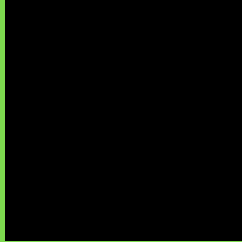
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.5502, 0.3293, 0.5179

Background



This preview shows how black text looks on a background with the Yxy color 54.5502, 0.3293, 0.5179.

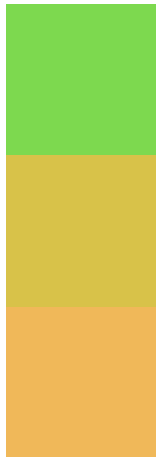


This preview shows how white text looks on a background with the Yxy color 54.5502, 0.3293, 0.5179.

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

54.5502, 0.3293, 0.5179

Protanopia

53.6635, 0.4188, 0.4604

Deuteranopia

53.5275, 0.4380, 0.4272



Tritanopia

54.1222, 0.2641, 0.3084

Trichromacy



Original Color

54.5502, 0.3293, 0.5179



Protanomaly

52.8163, 0.3833, 0.4829



Deuteranomaly

52.1415, 0.3949, 0.4610



Tritanomaly

53.5144, 0.2905, 0.3845

Monochromacy



Original Color

54.5502, 0.3293, 0.5179



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

45.7589, 0.3231, 0.4019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5502, 0.3293, 0.5179 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(125, 217, 79)` looks like.

```
.text, #text, p{  
    color:rgb(125, 217, 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(125, 217, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 217, 79) }
```

Border

The CSS property to change the border of an element to Yxy 54.5502, 0.3293, 0.5179 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(125, 217, 79) }
```

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

```
.border{ border-color:rgb(125, 217, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 217, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 217, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 217, 79);  
box-shadow:4px 4px 4px 4px rgb(125, 217,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5502, 0.3293, 0.5179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 217, 79) }
```

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

```
.background{ background-color: rgb(125,  
217, 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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