

Converting Colors

Yxy(54.4269, 0.3683, 0.4356)

Have a look what the booklet for
Yxy(54.4269, 0.3683, 0.4356)
contains.

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Color

Yxy(54.3717, 0.3683, 0.4350)

Conversions

Conversions Part 1

Format	Color
Hex	C1C974
RGB	193, 201, 116
RGB Percent	76%, 79%, 45%
CMY	0.2431, 0.2118, 0.5452
CMYK	0.04, 0.00, 0.42, 0.21
HSL	66°, 44%, 62%
HSV	66°, 42%, 79%
XYZ	46.0347, 54.3717, 24.5860
YIQ	188.9180, 22.5170, -28.1310

Conversions

Conversions Part 2

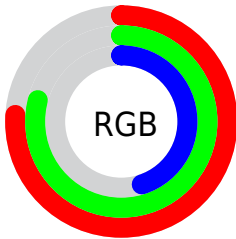
Format	Color
RYB	116, 201, 124
Decimal	12700020
CIELab	78.68, -15.43, 41.45
CIELCh	79, 44.229, 110.421
Yxy	54.3717, 0.3683, 0.4350
Android (android.graphics.Color)	4290890100 (0xFFC1C974)
YUV	188.9180, -35.9486, 3.5799
Hunter-Lab	73.7372, -17.6011, 31.8471

Details

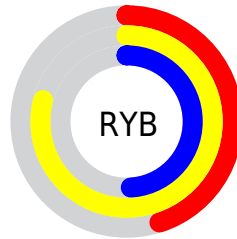
The Yxy color **54.3717, 0.3683, 0.4350** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **20.9865, 0.2411, 0.2017**, and the grayscale version is **51.0416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8938, 0.3610, 0.4142**, and **26.6524, 0.3802, 0.4634** is the 20% darker color. If you saturate the color by 10%, you get **53.7096, 0.3795, 0.4580**, and if you desaturate by 10%, it is **55.1431, 0.3558, 0.4103**.

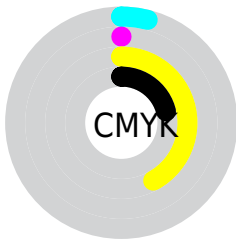
Distribution



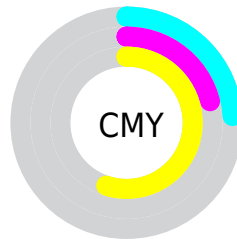
- Red (76%)
- Green (79%)
- Blue (45%)



- Red (45%)
- Yellow (79%)
- Blue (49%)



- Cyan (4%)
- Magenta (0%)
- Yellow (42%)
- Black (21%)





- Cyan (24%)
- Magenta (21%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3717, 0.3683, 0.4350 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 54.3717, 0.3683, 0.4350 by changing the saturation by 10% instead.


 54.3717, 0.3683,
0.4350


 54.3717, 0.3683,
0.4350


403.5258, 0.3430,
0.3827

 38.8989, 0.3736,
0.4475


 96.6198, 0.3598,
0.4164

 26.6811, 0.3798,
0.4630


 124.1639, 0.3564,
0.4092

 17.3339, 0.3868,
0.4828


 156.5005, 0.3535,
0.4032

 10.4728, 0.3943,
0.5083

194.0141, 0.3508,
0.3979

 5.7136, 0.4026,
0.5442

237.0890, 0.3485,
0.3934

 2.6717, 0.4067,
0.5933

286.1097, 0.3465,

 0.9628, 0.3578,

0.3894

0.6422

341.4605, 0.3447,
0.3859

■ 0.0000, 0.0000,
0.0000

■ 54.3717, 0.3683,
0.4350

■ 54.3717, 0.3683,
0.4350

■ 53.7096, 0.3795,
0.4580

■ 55.1431, 0.3558,
0.4103

■ 53.1428, 0.3889,
0.4781

■ 56.0223, 0.3425,
0.3847

■ 52.6664, 0.3961,
0.4946

■ 57.0175, 0.3290,
0.3593

■ 52.2718, 0.4006,
0.5068

■ 58.1338, 0.3157,
0.3345

■ 51.9490, 0.4026,
0.5146

■ 59.3760, 0.3029,
0.3110

■ 51.7351, 0.4029,
0.5183

■ 60.7487, 0.2908,
0.2891

■ 62.1473, 0.2805,
0.2704

■ 62.4192, 0.2818,
0.2706

■ 62.6945, 0.2830,
0.2709

Harmonies

Analogous

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



54.3717, 0.4125, 0.4113



54.3717, 0.3683, 0.4350



54.3717, 0.3116, 0.4258

Triad

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



54.3717, 0.3683, 0.4350



54.3717, 0.2078, 0.2710



54.3717, 0.3650, 0.2831

Complementary

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



54.3717, 0.3683, 0.4350



20.9865, 0.2411, 0.2017

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.



54.3717, 0.3050, 0.2522



54.3717, 0.3683, 0.4350



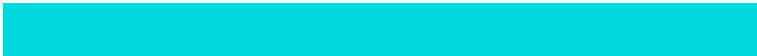
54.3717, 0.2187, 0.2430

Square

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



54.3717, 0.3683, 0.4350



54.3717, 0.2211, 0.3208



54.3717, 0.2524, 0.2376



54.3717, 0.4127, 0.3248

Rectangle

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



54.3717, 0.3683, 0.4350



54.3717, 0.2745, 0.3990



54.3717, 0.2524, 0.2376



54.3717, 0.3452, 0.2713

Sweetspot

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



54.3742, 0.3683, 0.4350



97.4607, 0.3302, 0.3615



27.8611, 0.4172, 0.3386



20.7761, 0.3332, 0.3672



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.



54.3742, 0.3683, 0.4350



92.0179, 0.3789, 0.4567



49.6522, 0.3332, 0.4486



12.3645, 0.3251, 0.3519



32.5507, 0.4031, 0.5181



1.5564, 0.4067, 0.5153

Inverse Universe

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



20.9865, 0.2411, 0.2017



27.2059, 0.2220, 0.1691



24.7655, 0.2807, 0.2144



10.3343, 0.2997, 0.3052



2.7557, 0.1535, 0.0619



0.1472, 0.1649, 0.0682

Previews

White Background



This preview shows how the Yxy color 54.3717, 0.3683, 0.4350 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 54.3717, 0.3683, 0.4350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

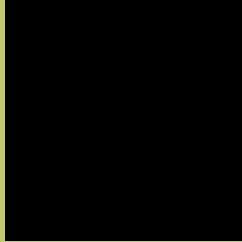
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3717, 0.3683, 0.4350

Background



This preview shows how black text looks on a background with the Yxy color 54.3717, 0.3683, 0.4350.



This preview shows how white text looks on a background with the Yxy color 54.3717, 0.3683, 0.4350.

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

54.3717, 0.3683, 0.4350

Protanopia

54.3913, 0.3901, 0.4244

Deuteranopia

54.1119, 0.4108, 0.4031



Tritanopia

54.4143, 0.3111, 0.3112

Trichromacy



Original Color

54.3717, 0.3683, 0.4350

Protanomaly

54.2921, 0.3822, 0.4277

Deuteranomaly

53.7853, 0.3955, 0.4137

Tritanomaly

54.1895, 0.3327, 0.3562

Monochromacy



Original Color

54.3717, 0.3683, 0.4350

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.6957, 0.3340, 0.3687

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3717, 0.3683, 0.4350 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(193, 201, 116)` looks like.

```
.text, #text, p{  
    color:rgb(193, 201, 116)  
}
```

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(193, 201, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 201, 116) }
```

Border

The CSS property to change the border of an element to Yxy 54.3717, 0.3683, 0.4350 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(193, 201, 116) }
```

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

```
.border{ border-color:rgb(193, 201, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 201, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 201, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 201, 116);  
box-shadow:4px 4px 4px 4px rgb(193, 201,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3717, 0.3683, 0.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 201, 116) }
```

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

```
.background{ background-color: rgb(193,  
201, 116) }
```

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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