

Converting Colors

Yxy(53.6920, 0.3858, 0.4537)

Have a look what the booklet for
Yxy(53.6920, 0.3858, 0.4537)
contains.

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Color

Yxy(53.5617, 0.3857, 0.4534)

Conversions

Conversions Part 1

Format	Color
Hex	C5C760
RGB	197, 199, 96
RGB Percent	77%, 78%, 38%
CMY	0.2274, 0.2196, 0.6234
CMYK	0.01, 0.00, 0.52, 0.22
HSL	61°, 48%, 58%
HSV	61°, 52%, 78%
XYZ	45.5641, 53.5617, 19.0077
YIQ	186.6600, 31.8710, -32.4570

Conversions

Conversions Part 2

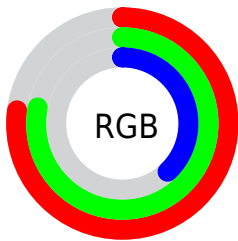
Format	Color
R _Y B	96, 199, 98
Decimal	12961632
CIE Lab	78.21, -14.74, 50.65
CIE LCh	78, 52.747, 106.226
Yxy	53.5617, 0.3857, 0.4534
Android (android.graphics.Color)	4291151712 (0xFFC5C760)
YUV	186.6600, -44.6954, 9.0682
Hunter-Lab	73.1859, -16.9447, 35.8314

Details

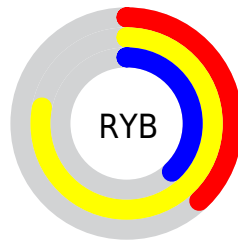
The Yxy color **53.5617, 0.3857, 0.4534** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **15.0902, 0.2157, 0.1667**, and the grayscale version is **49.7388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9499, 0.3750, 0.4320**, and **26.0954, 0.3998, 0.4838** is the 20% darker color. If you saturate the color by 10%, you get **53.1910, 0.3965, 0.4723**, and if you desaturate by 10%, it is **54.0303, 0.3730, 0.4316**.

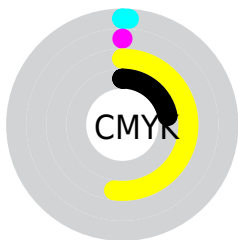
Distribution



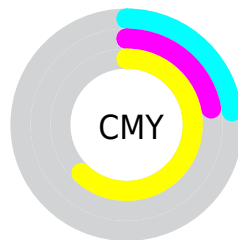
- Red (77%)
- Green (78%)
- Blue (38%)



- Red (38%)
- Yellow (78%)
- Blue (38%)



- Cyan (1%)
- Magenta (0%)
- Yellow (52%)
- Black (22%)




- Cyan (23%)
- Magenta (22%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5617, 0.3857, 0.4534 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 53.5617, 0.3857, 0.4534 by changing the saturation by 10% instead.

 53.5617, 0.3857,
0.4534


 53.5617, 0.3857,
0.4534

400.4364, 0.3530,
0.3929


 38.2514, 0.3922,
0.4673


 95.4304, 0.3750,
0.4322


 26.1778, 0.3995,
0.4842


 122.7575, 0.3706,
0.4240

 16.9567, 0.4073,
0.5050


 154.8591, 0.3667,
0.4169

 10.2036, 0.4144,
0.5301

 192.1194, 0.3633,
0.4108

 5.5342, 0.4274,
0.5726

234.9229, 0.3603,
0.4055

 2.5640, 0.4093,
0.5907

283.6540, 0.3576,

 0.9086, 0.3566,

0.4008

0.6434

338.6970, 0.3552,
0.3966

0.0000, 0.0000,
0.0000

53.5617, 0.3857,
0.4534

53.5617, 0.3857,
0.4534

53.1910, 0.3965,
0.4723

54.0303, 0.3730,
0.4316

52.9035, 0.4051,
0.4874

54.5957, 0.3591,
0.4077

52.6937, 0.4111,
0.4983

55.2662, 0.3445,
0.3828

52.5516, 0.4146,
0.5049

56.0473, 0.3297,
0.3577

52.4706, 0.4160,
0.5079

56.9439, 0.3152,
0.3332

■ 57.9607, 0.3013,
0.3097

■ 59.1021, 0.2882,
0.2877

■ 60.3582, 0.2762,
0.2675

■ 60.4112, 0.2764,
0.2675

Harmonies

Analogous

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



53.5617, 0.4356, 0.4183



53.5617, 0.3857, 0.4534



53.5617, 0.3194, 0.4515

Triad

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



53.5617, 0.3857, 0.4534



53.5617, 0.1903, 0.2656



53.5617, 0.3650, 0.2689

Complementary

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



53.5617, 0.3857, 0.4534



15.0902, 0.2157, 0.1667

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.



53.5617, 0.2931, 0.2356



53.5617, 0.3857, 0.4534



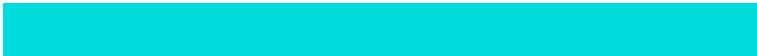
53.5617, 0.1992, 0.2302

Square

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



53.5617, 0.3857, 0.4534



53.5617, 0.2089, 0.3278



53.5617, 0.2342, 0.2214



53.5617, 0.4265, 0.3154

Rectangle

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



53.5617, 0.3857, 0.4534



53.5617, 0.2749, 0.4228



53.5617, 0.2342, 0.2214



53.5617, 0.3408, 0.2560

Sweetspot

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



53.5642, 0.3857, 0.4534



97.4963, 0.3363, 0.3689



21.6734, 0.4592, 0.3316



20.8076, 0.3394, 0.3742



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.



53.5642, 0.3857, 0.4534



93.0672, 0.3977, 0.4742



47.7842, 0.3414, 0.4749



12.4062, 0.3262, 0.3518



33.7443, 0.4160, 0.5079



1.6012, 0.4167, 0.5073

Inverse Universe

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



15.0902, 0.2157, 0.1667



18.4574, 0.1931, 0.1293



18.9041, 0.2638, 0.1852



10.2971, 0.2986, 0.3051



2.6718, 0.1507, 0.0604



0.1300, 0.1532, 0.0617

Previews

White Background



This preview shows how the Yxy color 53.5617, 0.3857, 0.4534 looks on a white background.

Color Contrast Check

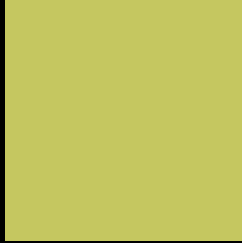
Large Text (above 18pt) WCAG AA × Fail

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 53.5617, 0.3857, 0.4534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

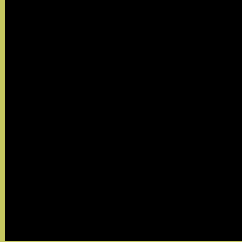
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5617, 0.3857, 0.4534

Background



This preview shows how black text looks on a background with the Yxy color 53.5617, 0.3857, 0.4534.



This preview shows how white text looks on a background with the Yxy color 53.5617, 0.3857, 0.4534.

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

53.5617, 0.3857, 0.4534

Protanopia

53.2442, 0.4056, 0.4424

Deuteranopia

53.2056, 0.4280, 0.4188



Tritanopia

53.2148, 0.3185, 0.3113

Trichromacy



Original Color

53.5617, 0.3857, 0.4534

Protanomaly

53.2663, 0.3984, 0.4459

Deuteranomaly

52.8256, 0.4121, 0.4304

Tritanomaly

52.7433, 0.3456, 0.3636

Monochromacy



Original Color

53.5617, 0.3857, 0.4534

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.6711, 0.3415, 0.3766

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5617, 0.3857, 0.4534 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(197, 199, 96)` looks like.

```
.text, #text, p{  
    color:rgb(197, 199, 96)  
}
```

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(197, 199, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 199, 96) }
```

Border

The CSS property to change the border of an element to Yxy 53.5617, 0.3857, 0.4534 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(197, 199, 96) }
```

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

```
.border{ border-color:rgb(197, 199, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 199, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 199, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 199, 96);  
box-shadow:4px 4px 4px 4px rgb(197, 199,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5617, 0.3857, 0.4534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 199, 96) }
```

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

```
.background{ background-color: rgb(197,  
199, 96) }
```

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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