

Converting Colors

$Yxy(55.4646, 0.3757, 0.4537)$

Have a look what the booklet for
Yxy(55.4646, 0.3757, 0.4537)
contains.

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Color

Yxy(55.4825, 0.3759, 0.4536)

Conversions

Conversions Part 1

Format	Color
Hex	C1CC66
RGB	193, 204, 102
RGB Percent	76%, 80%, 40%
CMY	0.2432, 0.2000, 0.6000
CMYK	0.05, 0.00, 0.50, 0.20
HSL	66°, 50%, 60%
HSV	66°, 50%, 80%
XYZ	45.9786, 55.4825, 20.8549
YIQ	189.0830, 26.1860, -34.0540

Conversions

Conversions Part 2

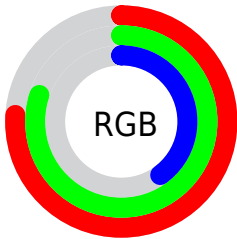
Format	Color
RYB	102, 204, 113
Decimal	12700774
CIELab	79.32, -18.35, 49.06
CIELCh	79, 52.376, 110.512
Yxy	55.4825, 0.3759, 0.4536
Android (android.graphics.Color)	4290890854 (0xFFC1CC66)
YUV	189.0830, -42.9319, 3.4352
Hunter-Lab	74.4866, -20.1683, 35.5405

Details

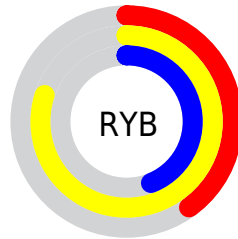
The Yxy color **55.4825, 0.3759, 0.4536** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.3755, 0.2266, 0.1753**, and the grayscale version is **51.1771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3958, 0.3689, 0.4275**, and **27.3613, 0.3871, 0.4859** is the 20% darker color. If you saturate the color by 10%, you get **54.8409, 0.3855, 0.4748**, and if you desaturate by 10%, it is **56.2330, 0.3646, 0.4299**.

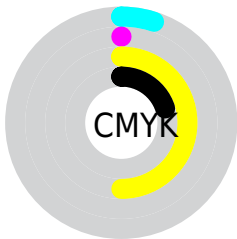
Distribution



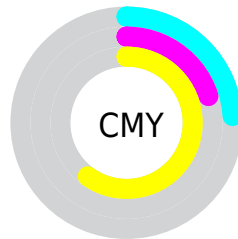
- Red (76%)
- Green (80%)
- Blue (40%)



- Red (40%)
- Yellow (80%)
- Blue (44%)



- Cyan (5%)
- Magenta (0%)
- Yellow (50%)
- Black (20%)





- Cyan (24%)
- Magenta (20%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4825, 0.3759, 0.4536 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 55.4825, 0.3759, 0.4536 by changing the saturation by 10% instead.

 55.4825, 0.3759,
0.4536

 55.4825, 0.3759,
0.4536


407.7383, 0.3481,
0.3926

 39.7882, 0.3813,
0.4678


 98.2475, 0.3668,
0.4321


 27.3734, 0.3874,
0.4853


 126.0870, 0.3631,
0.4238

 17.8539, 0.3937,
0.5070


 158.7437, 0.3598,
0.4167

 10.8451, 0.3992,
0.5341

 196.6019, 0.3569,
0.4106

 5.9628, 0.4100,
0.5799

240.0461, 0.3543,
0.4052

 2.8225, 0.3926,
0.6074

289.4606, 0.3520,

 1.0398, 0.3387,

0.4005

0.6613

345.2299, 0.3499,
0.3964

0.0000, 0.0000,
0.0000

55.4825, 0.3759,
0.4536

55.4825, 0.3759,
0.4536

54.8409, 0.3855,
0.4748

56.2330, 0.3646,
0.4299

54.2933, 0.3929,
0.4924

57.0917, 0.3521,
0.4047

53.8336, 0.3978,
0.5060

58.0671, 0.3390,
0.3790

53.4519, 0.4001,
0.5150

59.1649, 0.3257,
0.3535

53.1293, 0.4003,
0.5204

60.3904, 0.3127,
0.3290

■ 61.7485, 0.3002,
0.3058

■ 63.2441, 0.2885,
0.2843

■ 64.2064, 0.2836,
0.2743

■ 64.5339, 0.2852,
0.2745

Harmonies

Analogous

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



55.4825, 0.4282, 0.4233



55.4825, 0.3759, 0.4536



55.4825, 0.3098, 0.4447

Triad

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



55.4825, 0.3759, 0.4536



55.4825, 0.1919, 0.2602



55.4825, 0.3740, 0.2758

Complementary

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



55.4825, 0.3759, 0.4536



17.3755, 0.2266, 0.1753

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.



55.4825, 0.3032, 0.2408



55.4825, 0.3759, 0.4536



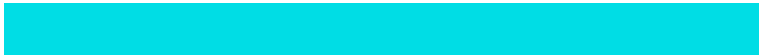
55.4825, 0.2044, 0.2291

Square

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



55.4825, 0.3759, 0.4536



55.4825, 0.2064, 0.3180



55.4825, 0.2426, 0.2238



55.4825, 0.4306, 0.3229

Rectangle

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



55.4825, 0.3759, 0.4536



55.4825, 0.2670, 0.4125



55.4825, 0.2426, 0.2238



55.4825, 0.3506, 0.2624

Sweetspot

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



55.4850, 0.3759, 0.4536



97.0003, 0.3326, 0.3667



25.4307, 0.4459, 0.3423



20.6802, 0.3354, 0.3721



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.



55.4850, 0.3759, 0.4536



90.7338, 0.3862, 0.4763



49.9730, 0.3341, 0.4732



13.0327, 0.3249, 0.3520



33.4605, 0.4006, 0.5201



1.7442, 0.4045, 0.5170

Inverse Universe

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



17.3755, 0.2266, 0.1753



20.6132, 0.2051, 0.1393



21.6708, 0.2746, 0.1932



10.9011, 0.2999, 0.3052



2.8720, 0.1541, 0.0623



0.1683, 0.1663, 0.0690

Previews

White Background



This preview shows how the Yxy color 55.4825, 0.3759, 0.4536 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 55.4825, 0.3759, 0.4536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

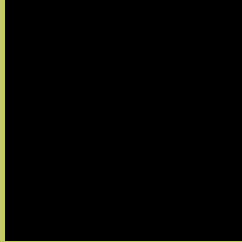
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4825, 0.3759, 0.4536

Background



This preview shows how black text looks on a background with the Yxy color 55.4825, 0.3759, 0.4536.



This preview shows how white text looks on a background with the Yxy color 55.4825, 0.3759, 0.4536.

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

55.4825, 0.3759, 0.4536

Protanopia

55.1324, 0.4032, 0.4392

Deuteranopia

55.1065, 0.4243, 0.4152



Tritanopia

55.2325, 0.3112, 0.3102

Trichromacy



Original Color

55.4825, 0.3759, 0.4536

Protanomaly

55.1768, 0.3929, 0.4448

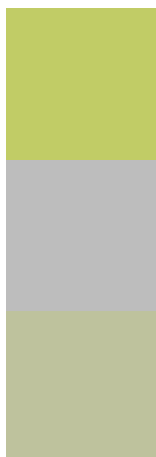
Deuteranomaly

54.8478, 0.4063, 0.4281

Tritanomaly

54.7619, 0.3373, 0.3623

Monochromacy



Original Color

55.4825, 0.3759, 0.4536

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.9650, 0.3377, 0.3764

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4825, 0.3759, 0.4536 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, 204, 102)` looks like.

```
.text, #text, p{  
    color:rgb(193, 204, 102)  
}
```

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, 204, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 204, 102) }
```

Border

The CSS property to change the border of an element to Yxy 55.4825, 0.3759, 0.4536 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, 204, 102) }
```

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

```
.border{ border-color:rgb(193, 204, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 204, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 204, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 204, 102);  
box-shadow:4px 4px 4px 4px rgb(193, 204,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4825, 0.3759, 0.4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 204, 102) }
```

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

```
.background{ background-color: rgb(193,  
204, 102) }
```

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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