

Converting Colors

Yxy(53.6319, 0.3658, 0.4564)

Have a look what the booklet for
Yxy(53.6319, 0.3658, 0.4564)
contains.

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Color

Yxy(53.5149, 0.3655, 0.4563)

Conversions

Conversions Part 1

Format	Color
Hex	B5CB67
RGB	181, 203, 103
RGB Percent	71%, 80%, 40%
CMY	0.2901, 0.2039, 0.5961
CMYK	0.11, 0.00, 0.49, 0.20
HSL	73°, 49%, 60%
HSV	73°, 49%, 80%
XYZ	42.8659, 53.5149, 20.8993
YIQ	185.0220, 18.9880, -35.7640

Conversions

Conversions Part 2

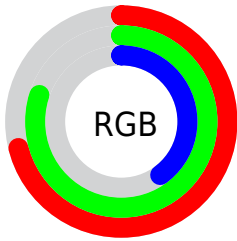
Format	Color
RYB	103, 203, 125
Decimal	11914087
CIELab	78.18, -22.50, 47.01
CIELCh	78, 52.116, 115.580
Yxy	53.5149, 0.3655, 0.4563
Android (android.graphics.Color)	4290104167 (0xFFB5CB67)
YUV	185.0220, -40.4368, -3.5273
Hunter-Lab	73.1539, -23.4239, 34.2692

Details

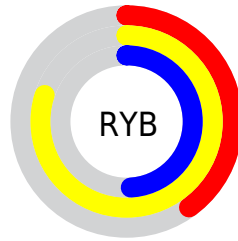
The Yxy color **53.5149, 0.3655, 0.4563** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.3670, 0.2379, 0.1815**, and the grayscale version is **48.7538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0974, 0.3594, 0.4298**, and **26.1784, 0.3740, 0.4902** is the 20% darker color. If you saturate the color by 10%, you get **52.6275, 0.3732, 0.4798**, and if you desaturate by 10%, it is **54.5233, 0.3561, 0.4307**.

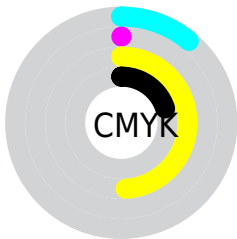
Distribution



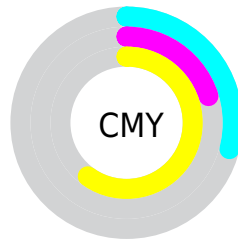
- Red (71%)
- Green (80%)
- Blue (40%)



- Red (40%)
- Yellow (80%)
- Blue (49%)



- Cyan (11%)
- Magenta (0%)
- Yellow (49%)
- Black (20%)





- Cyan (29%)
- Magenta (20%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5149, 0.3655, 0.4563 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 53.5149, 0.3655, 0.4563 by changing the saturation by 10% instead.

 53.5149, 0.3655,
0.4563

 53.5149, 0.3655,
0.4563


400.2575, 0.3426,
0.3929


 38.2140, 0.3698,
0.4715


 95.3616, 0.3581,
0.4336

 26.1488, 0.3745,
0.4904


 122.6762, 0.3551,
0.4250

 16.9350, 0.3790,
0.5144


 154.7641, 0.3524,
0.4176

 10.1882, 0.3822,
0.5450

 192.0097, 0.3500,
0.4113

 5.5239, 0.3899,
0.5982

234.7975, 0.3478,
0.4058

 2.5578, 0.3663,
0.6337

283.5118, 0.3459,

 0.9055, 0.2558,

0.4009

0.7442

338.5370, 0.3441,
0.3967

0.0000, 0.0000,
0.0000

53.5149, 0.3655,
0.4563

53.5149, 0.3655,
0.4563

52.6275, 0.3732,
0.4798

54.5233, 0.3561,
0.4307

51.8465, 0.3788,
0.5001

55.6522, 0.3456,
0.4042

51.1657, 0.3820,
0.5163


56.9101, 0.3344,
0.3776


50.5754, 0.3825,
0.5279


58.3028, 0.3231,
0.3518

50.0584, 0.3809,
0.5354


59.8355, 0.3119,
0.3272

 50.0217, 0.3807,
0.5359

 61.5134, 0.3011,
0.3043

 63.3410, 0.2909,
0.2832

 64.6357, 0.2878,
0.2738

 65.3269, 0.2909,
0.2743

Harmonies

Analogous

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



53.5149, 0.4217, 0.4308



53.5149, 0.3655, 0.4563



53.5149, 0.2984, 0.4393

Triad

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



53.5149, 0.3655, 0.4563



53.5149, 0.1914, 0.2525



53.5149, 0.3858, 0.2828

Complementary

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



53.5149, 0.3655, 0.4563



18.3670, 0.2379, 0.1815

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.



53.5149, 0.3150, 0.2450



53.5149, 0.3655, 0.4563



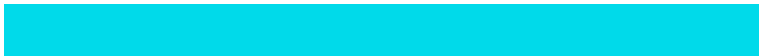
53.5149, 0.2084, 0.2259

Square

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



53.5149, 0.3655, 0.4563



53.5149, 0.2013, 0.3064



53.5149, 0.2510, 0.2246



53.5149, 0.4377, 0.3315

Rectangle

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



53.5149, 0.3655, 0.4563



53.5149, 0.2567, 0.4022



53.5149, 0.2510, 0.2246



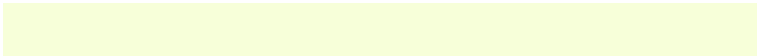
53.5149, 0.3629, 0.2687

Sweetspot

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



53.5173, 0.3655, 0.4563



96.2183, 0.3298, 0.3670



28.2564, 0.4345, 0.3572



20.4902, 0.3322, 0.3726



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.



53.5173, 0.3655, 0.4563



88.0540, 0.3736, 0.4809



48.5407, 0.3250, 0.4749



12.9676, 0.3232, 0.3521



31.8763, 0.3813, 0.5355



1.6760, 0.3891, 0.5293

Inverse Universe

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



18.3670, 0.2379, 0.1815



22.6000, 0.2184, 0.1474



23.0855, 0.2877, 0.1998



10.9608, 0.3016, 0.3053



3.1263, 0.1621, 0.0667



0.1958, 0.1819, 0.0776

Previews

White Background



This preview shows how the Yxy color 53.5149, 0.3655, 0.4563 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 53.5149, 0.3655, 0.4563 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 53.5149, 0.3655, 0.4563

Background



This preview shows how black text looks on a background with the Yxy color 53.5149, 0.3655, 0.4563.



This preview shows how white text looks on a background with the Yxy color 53.5149, 0.3655, 0.4563.

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

53.5149, 0.3655, 0.4563

Protanopia

53.2062, 0.4008, 0.4369

Deuteranopia

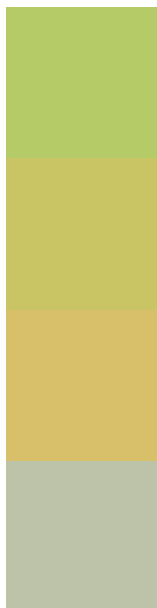
53.1966, 0.4213, 0.4117



Tritanopia

53.1041, 0.3025, 0.3096

Trichromacy



Original Color

53.5149, 0.3655, 0.4563

Protanomaly

53.2896, 0.3872, 0.4447

Deuteranomaly

52.9011, 0.4006, 0.4277

Tritanomaly

52.7136, 0.3274, 0.3621

Monochromacy



Original Color

53.5149, 0.3655, 0.4563

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

50.2562, 0.3345, 0.3774

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5149, 0.3655, 0.4563 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(181, 203, 103)` looks like.

```
.text, #text, p{  
    color:rgb(181, 203, 103)  
}
```

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(181, 203, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 203, 103) }
```

Border

The CSS property to change the border of an element to Yxy 53.5149, 0.3655, 0.4563 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(181, 203, 103) }
```

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

```
.border{ border-color:rgb(181, 203, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 203, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 203, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 203, 103);  
box-shadow:4px 4px 4px 4px rgb(181, 203,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5149, 0.3655, 0.4563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 203, 103) }
```

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

```
.background{ background-color: rgb(181,  
203, 103) }
```

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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