

Converting Colors

Yxy(53.3615, 0.3751, 0.4719)

Have a look what the booklet for
Yxy(53.3615, 0.3751, 0.4719)
contains.

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Color

Yxy(53.3615, 0.3751, 0.4719)

Conversions

Conversions Part 1

Format	Color
Hex	B6CB58
RGB	182, 203, 88
RGB Percent	71%, 80%, 35%
CMY	0.2861, 0.2039, 0.6548
CMYK	0.10, 0.00, 0.57, 0.20
HSL	71°, 53%, 57%
HSV	71°, 57%, 80%
XYZ	42.4156, 53.3615, 17.3009
YIQ	183.6110, 24.3990, -40.2170

Conversions

Conversions Part 2

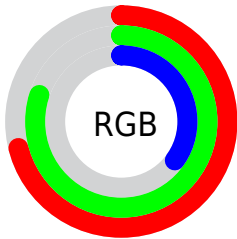
Format	Color
R_YB	88, 203, 109
Decimal	11979608
CIE _{Lab}	78.09, -23.46, 53.89
CIE _{LCh}	78, 58.780, 113.525
Y _{xy}	53.3615, 0.3751, 0.4719
Android (android.graphics.Color)	4290169688 (0xFFB6CB58)
YUV	183.6110, -47.1362, -1.4128
Hunter-Lab	73.0490, -24.1904, 37.0920

Details

The Yxy color **53.3615, 0.3751, 0.4719** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **14.5448, 0.2204, 0.1558**, and the grayscale version is **47.9669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9684, 0.3689, 0.4435**, and **26.0460, 0.3837, 0.5088** is the 20% darker color. If you saturate the color by 10%, you get **52.6282, 0.3820, 0.4924**, and if you desaturate by 10%, it is **54.2052, 0.3662, 0.4484**.

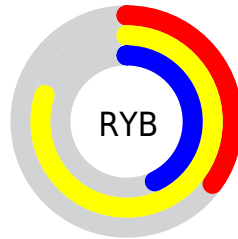
Distribution



Red (71%)

Green (80%)

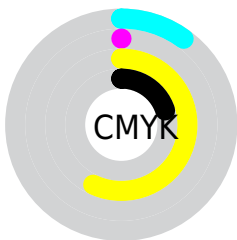
Blue (35%)



Red (35%)

Yellow (80%)

Blue (43%)

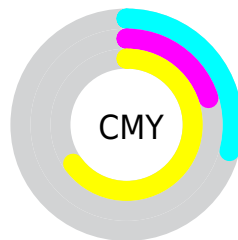


Cyan (10%)

Magenta (0%)

Yellow (57%)

Black (20%)



Cyan (29%)


Magenta (20%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3615, 0.3751, 0.4719 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 53.3615, 0.3751, 0.4719 by changing the saturation by 10% instead.


 53.3615, 0.3751,
0.4719

 53.3615, 0.3751,
0.4719


399.6705, 0.3486,
0.4013


 38.0914, 0.3798,
0.4884


 95.1361, 0.3668,
0.4469


 26.0537, 0.3845,
0.5086


 122.4094, 0.3633,
0.4373

 16.8638, 0.3885,
0.5334


 154.4526, 0.3602,
0.4291

 10.1374, 0.3901,
0.5641

 191.6501, 0.3574,
0.4220

 5.4902, 0.3903,
0.6097

234.3862, 0.3548,
0.4158

 2.5376, 0.3606,
0.6394

283.0454, 0.3525,

 0.8954, 0.2371,

0.4104

0.7629

338.0120, 0.3505,
0.4056

0.0000, 0.0000,
0.0000

53.3615, 0.3751,
0.4719

53.3615, 0.3751,
0.4719

52.6282, 0.3820,
0.4924

54.2052, 0.3662,
0.4484

51.9899, 0.3864,
0.5089

55.1593, 0.3558,
0.4230

51.4397, 0.3883,
0.5210

56.2325, 0.3444,
0.3968

50.9653, 0.3877,
0.5287

57.4309, 0.3325,
0.3706

50.8153, 0.3872,
0.5307

58.7601, 0.3205,
0.3452

■ 60.2250, 0.3088,
0.3211

■ 61.8307, 0.2977,
0.2985

■ 63.5818, 0.2871,
0.2778

■ 64.4285, 0.2868,
0.2736

Harmonies

Analogous

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



53.3615, 0.4370, 0.4380



53.3615, 0.3751, 0.4719



53.3615, 0.3005, 0.4584

Triad

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



53.3615, 0.3751, 0.4719



53.3615, 0.1782, 0.2457



53.3615, 0.3898, 0.2739

Complementary

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



53.3615, 0.3751, 0.4719



14.5448, 0.2204, 0.1558

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.



53.3615, 0.3093, 0.2338



53.3615, 0.3751, 0.4719



53.3615, 0.1948, 0.2153

Square

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



53.3615, 0.3751, 0.4719



53.3615, 0.1905, 0.3075



53.3615, 0.2394, 0.2128



53.3615, 0.4511, 0.3264

Rectangle

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



53.3615, 0.3751, 0.4719



53.3615, 0.2535, 0.4179



53.3615, 0.2394, 0.2128



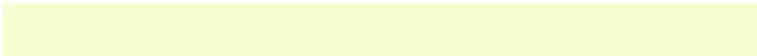
53.3615, 0.3634, 0.2588

Sweetspot

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



53.3639, 0.3751, 0.4719



96.0476, 0.3332, 0.3721



23.9547, 0.4670, 0.3532



20.4675, 0.3356, 0.3774



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.



53.3639, 0.3751, 0.4719



87.8728, 0.3832, 0.4965



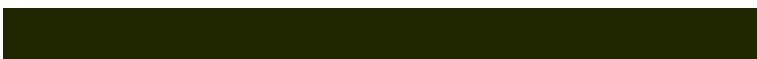
47.8766, 0.3294, 0.4964



12.9893, 0.3238, 0.3521



32.3768, 0.3877, 0.5304



1.6979, 0.3942, 0.5252

Inverse Universe

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



14.5448, 0.2204, 0.1558



16.7192, 0.1977, 0.1186



19.2588, 0.2761, 0.1789



10.9407, 0.3010, 0.3052



3.0233, 0.1589, 0.0649



0.1866, 0.1768, 0.0748

Previews

White Background



This preview shows how the Yxy color 53.3615, 0.3751, 0.4719 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 53.3615, 0.3751, 0.4719 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 53.3615, 0.3751, 0.4719

Background



This preview shows how black text looks on a background with the Yxy color 53.3615, 0.3751, 0.4719.



This preview shows how white text looks on a background with the Yxy color 53.3615, 0.3751, 0.4719.

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

53.3615, 0.3751, 0.4719

Protanopia

53.0919, 0.4111, 0.4506

Deuteranopia

53.2484, 0.4336, 0.4247



Tritanopia

53.3199, 0.3048, 0.3109

Trichromacy



Original Color

53.3615, 0.3751, 0.4719

Protanomaly

53.1609, 0.3972, 0.4591

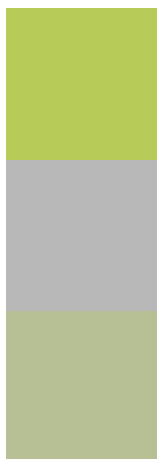
Deuteranomaly

52.9224, 0.4124, 0.4415

Tritanomaly

52.6217, 0.3328, 0.3698

Monochromacy



Original Color

53.3615, 0.3751, 0.4719

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.4988, 0.3385, 0.3844

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3615, 0.3751, 0.4719 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(182, 203, 88)` looks like.

```
.text, #text, p{  
    color:rgb(182, 203, 88)  
}
```

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(182, 203, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 203, 88) }
```

Border

The CSS property to change the border of an element to Yxy 53.3615, 0.3751, 0.4719 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(182, 203, 88) }
```

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

```
.border{ border-color:rgb(182, 203, 88) }
```

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

Here you see how a box with a 4 pixel rgb(182, 203, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 203, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 203, 88);  
box-shadow:4px 4px 4px 4px rgb(182, 203,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3615, 0.3751, 0.4719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 203, 88) }
```

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

```
.background{ background-color: rgb(182,  
203, 88) }
```

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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