

Converting Colors

Yxy(53.2416, 0.3813, 0.4784)

Have a look what the booklet for
Yxy(53.2416, 0.3813, 0.4784)
contains.

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Color

Yxy(53.4814, 0.3810, 0.4787)

Conversions

Conversions Part 1

Format	Color
Hex	B8CB50
RGB	184, 203, 80
RGB Percent	72%, 80%, 31%
CMY	0.2786, 0.2039, 0.6861
CMYK	0.09, 0.00, 0.61, 0.20
HSL	69°, 54%, 55%
HSV	69°, 61%, 80%
XYZ	42.5661, 53.4814, 15.6746
YIQ	183.2970, 28.1590, -42.2810

Conversions

Conversions Part 2

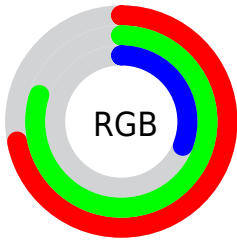
Format	Color
RYB	80, 203, 99
Decimal	12110672
CIELab	78.16, -23.31, 57.52
CIElCh	78, 62.067, 112.062
Yxy	53.4814, 0.3810, 0.4787
Android (android.graphics.Color)	4290300752 (0xFFB8CB50)
YUV	183.2970, -50.9254, 0.6165
Hunter-Lab	73.1310, -24.0827, 38.4837

Details

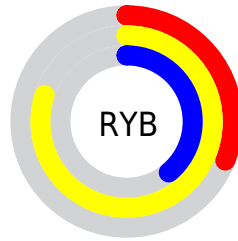
The Yxy color **53.4814, 0.3810, 0.4787** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **12.7117, 0.2102, 0.1420**, and the grayscale version is **47.7993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1185, 0.3739, 0.4492**, and **26.1382, 0.3907, 0.5162** is the 20% darker color. If you saturate the color by 10%, you get **52.8437, 0.3874, 0.4972**, and if you desaturate by 10%, it is **54.2233, 0.3723, 0.4568**.

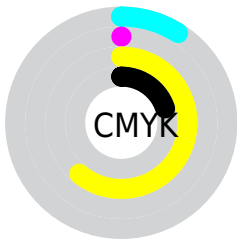
Distribution



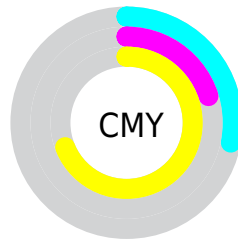
- Red (72%)
- Green (80%)
- Blue (31%)



- Red (31%)
- Yellow (80%)
- Blue (39%)



- Cyan (9%)
- Magenta (0%)
- Yellow (61%)
- Black (20%)





- Cyan (28%)
- Magenta (20%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4814, 0.3810, 0.4787 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 53.4814, 0.3810, 0.4787 by changing the saturation by 10% instead.


 53.4814, 0.3810,
0.4787


 53.4814, 0.3810,
0.4787


400.1293, 0.3523,
0.4054


 38.1872, 0.3859,
0.4955


 95.3124, 0.3722,
0.4530


 26.1280, 0.3907,
0.5158


 122.6179, 0.3684,
0.4430


 16.9194, 0.3944,
0.5405


 154.6961, 0.3650,
0.4344

 10.1771, 0.3961,
0.5714

 191.9312, 0.3619,
0.4270

 5.5165, 0.3911,
0.6089

 234.7077, 0.3591,
0.4206

 2.5534, 0.3617,
0.6383

283.4099, 0.3566,

 0.9033, 0.2426,

0.4149

0.7574

338.4224, 0.3544,
0.4098

0.0000, 0.0000,
0.0000

53.4814, 0.3810,
0.4787

53.4814, 0.3810,
0.4787

52.8437, 0.3874,
0.4972

54.2233, 0.3723,
0.4568

52.2943, 0.3914,
0.5114

55.0695, 0.3620,
0.4325

51.8256, 0.3927,
0.5211

56.0291, 0.3504,
0.4068

51.4402, 0.3921,
0.5269

57.1082, 0.3381,
0.3807

58.3126, 0.3257,
0.3550

■ 59.6474, 0.3134,
0.3304

■ 61.1177, 0.3016,
0.3072

■ 62.7281, 0.2904,
0.2856

■ 63.9741, 0.2847,
0.2733

Harmonies

Analogous

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



53.4814, 0.4452, 0.4399



53.4814, 0.3810, 0.4787



53.4814, 0.3029, 0.4687

Triad

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



53.4814, 0.3810, 0.4787



53.4814, 0.1721, 0.2435



53.4814, 0.3899, 0.2687

Complementary

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



53.4814, 0.3810, 0.4787



12.7117, 0.2102, 0.1420

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.



53.4814, 0.3048, 0.2279



53.4814, 0.3810, 0.4787



53.4814, 0.1879, 0.2108

Square

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



53.4814, 0.3810, 0.4787



53.4814, 0.1861, 0.3097



53.4814, 0.2327, 0.2071



53.4814, 0.4565, 0.3227

Rectangle

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



53.4814, 0.3810, 0.4787



53.4814, 0.2534, 0.4272



53.4814, 0.2327, 0.2071



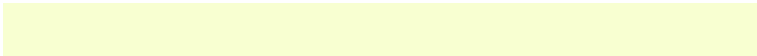
53.4814, 0.3618, 0.2532

Sweetspot

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



53.4838, 0.3810, 0.4787



96.0650, 0.3352, 0.3746



22.1035, 0.4852, 0.3517



20.4402, 0.3389, 0.3823



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.



53.4838, 0.3810, 0.4787



88.1443, 0.3891, 0.5025



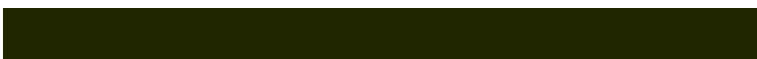
47.5141, 0.3309, 0.5074



13.0053, 0.3242, 0.3521



32.7641, 0.3925, 0.5266



1.7146, 0.3980, 0.5222

Inverse Universe

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



12.7117, 0.2102, 0.1420



14.0367, 0.1862, 0.1038



17.5251, 0.2704, 0.1684



10.9260, 0.3006, 0.3052



2.9593, 0.1569, 0.0638



0.1798, 0.1730, 0.0726

Previews

White Background



This preview shows how the Yxy color 53.4814, 0.3810, 0.4787 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 53.4814, 0.3810, 0.4787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

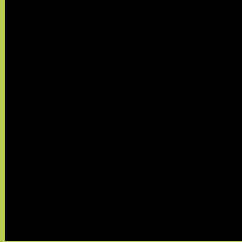
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.4814, 0.3810, 0.4787

Background



This preview shows how black text looks on a background with the Yxy color 53.4814, 0.3810, 0.4787.



This preview shows how white text looks on a background with the Yxy color 53.4814, 0.3810, 0.4787.

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

53.4814, 0.3810, 0.4787

Protanopia

53.1228, 0.4165, 0.4569

Deuteranopia

53.3036, 0.4390, 0.4301



Tritanopia

53.1050, 0.3071, 0.3109

Trichromacy



Original Color

53.4814, 0.3810, 0.4787

Protanomaly

53.3199, 0.4034, 0.4652

Deuteranomaly

52.9618, 0.4176, 0.4473

Tritanomaly

52.7747, 0.3368, 0.3735

Monochromacy



Original Color

53.4814, 0.3810, 0.4787

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.9695, 0.3410, 0.3872

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4814, 0.3810, 0.4787 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(184, 203, 80)` looks like.

```
.text, #text, p{  
    color:rgb(184, 203, 80)  
}
```

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(184, 203, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 203, 80) }
```

Border

The CSS property to change the border of an element to Yxy 53.4814, 0.3810, 0.4787 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(184, 203, 80) }
```

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

```
.border{ border-color:rgb(184, 203, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 203, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 203, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 203, 80);  
box-shadow:4px 4px 4px 4px rgb(184, 203,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4814, 0.3810, 0.4787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 203, 80) }
```

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

```
.background{ background-color: rgb(184,  
203, 80) }
```

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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