

Converting Colors

Yxy(52.7086, 0.3633, 0.4159)

Have a look what the booklet for
Yxy(52.7086, 0.3633, 0.4159)
contains.

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Color

Yxy(52.4815, 0.3634, 0.4162)

Conversions

Conversions Part 1

Format	Color
Hex	C2C47F
RGB	194, 196, 127
RGB Percent	76%, 77%, 50%
CMY	0.2391, 0.2314, 0.5020
CMYK	0.01, 0.00, 0.35, 0.23
HSL	62°, 37%, 63%
HSV	62°, 35%, 77%
XYZ	45.8236, 52.4815, 27.7917
YIQ	187.5360, 20.9570, -21.8830

Conversions

Conversions Part 2

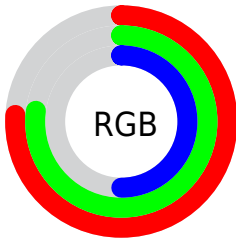
Format	Color
RYB	127, 196, 129
Decimal	12764287
CIELab	77.57, -11.25, 34.46
CIELCh	78, 36.247, 108.080
Yxy	52.4815, 0.3634, 0.4162
Android (android.graphics.Color)	4290954367 (0xFFC2C47F)
YUV	187.5360, -29.8442, 5.6689
Hunter-Lab	72.4441, -13.8693, 27.9655

Details

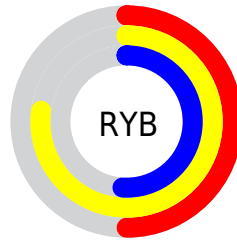
The Yxy color **52.4815, 0.3634, 0.4162** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **23.8281, 0.2513, 0.2251**, and the grayscale version is **50.1789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0551, 0.3551, 0.4017**, and **25.3708, 0.3747, 0.4389** is the 20% darker color. If you saturate the color by 10%, you get **51.9476, 0.3768, 0.4396**, and if you desaturate by 10%, it is **53.1198, 0.3491, 0.3915**.

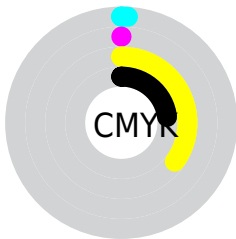
Distribution



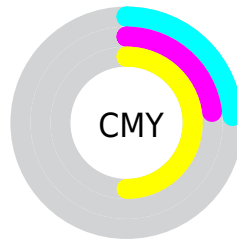
- Red (76%)
- Green (77%)
- Blue (50%)



- Red (50%)
- Yellow (77%)
- Blue (51%)



- Cyan (1%)
- Magenta (0%)
- Yellow (35%)
- Black (23%)



- Cyan (24%)
- Magenta (23%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4815, 0.3634, 0.4162 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 52.4815, 0.3634, 0.4162 by changing the saturation by 10% instead.

■ 52.4815, 0.3634,
0.4162

■ 52.4815, 0.3634,
0.4162

396.2927, 0.3396,
0.3730

■ 37.3890, 0.3687,
0.4267

■ 93.8410, 0.3552,
0.4007

■ 25.5088, 0.3751,
0.4398

■ 120.8767, 0.3520,
0.3948

■ 16.4566, 0.3829,
0.4568

■ 152.6624, 0.3492,
0.3898

■ 9.8478, 0.3921,
0.4793

189.5823, 0.3468,
0.3855

■ 5.2982, 0.4025,
0.5096

232.0209, 0.3447,
0.3818

■ 2.4232, 0.4271,
0.5729

280.3626, 0.3428,

■ 0.8378, 0.3837,

0.3785

0.6163

334.9917, 0.3411,
0.3756

0.0000, 0.0000,
0.0000

52.4815, 0.3634,
0.4162

52.4815, 0.3634,
0.4162

51.9476, 0.3768,
0.4396

53.1198, 0.3491,
0.3915

51.5052, 0.3887,
0.4607

53.8608, 0.3345,
0.3664

51.1504, 0.3987,
0.4785


54.7117, 0.3201,
0.3416

50.8758, 0.4062,
0.4924

55.6772, 0.3061,
0.3177

50.6733, 0.4112,
0.5020

56.7617, 0.2928,
0.2952


 50.5326, 0.4137,
0.5075

 57.9692, 0.2805,
0.2742

 50.4773, 0.4143,
0.5092

 58.6972, 0.2745,
0.2638

 58.7735, 0.2748,
0.2639

 58.8499, 0.2752,
0.2640

Harmonies

Analogous

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



52.4815, 0.3983, 0.3966



52.4815, 0.3634, 0.4162



52.4815, 0.3164, 0.4097

Triad

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



52.4815, 0.3634, 0.4162



52.4815, 0.2242, 0.2840



52.4815, 0.3526, 0.2881

Complementary

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



52.4815, 0.3634, 0.4162



23.8281, 0.2513, 0.2251

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.



52.4815, 0.3029, 0.2624



52.4815, 0.3634, 0.4162



52.4815, 0.2319, 0.2581

Square

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



52.4815, 0.3634, 0.4162



52.4815, 0.2376, 0.3268



52.4815, 0.2595, 0.2514



52.4815, 0.3931, 0.3234

Rectangle

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



52.4815, 0.3634, 0.4162



52.4815, 0.2849, 0.3892



52.4815, 0.2595, 0.2514



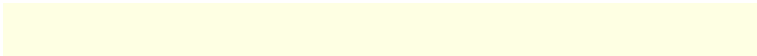
52.4815, 0.3362, 0.2782

Sweetspot

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



52.4839, 0.3634, 0.4162



98.1716, 0.3287, 0.3563



28.7444, 0.3951, 0.3308



20.9683, 0.3307, 0.3597



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.



52.4839, 0.3634, 0.4162



94.3393, 0.3735, 0.4338



48.5205, 0.3343, 0.4253



11.7432, 0.3260, 0.3518



32.4415, 0.4144, 0.5091



1.4064, 0.4156, 0.5082

Inverse Universe

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



23.8281, 0.2513, 0.2251



34.9439, 0.2358, 0.1991



26.9128, 0.2829, 0.2336



9.7614, 0.2987, 0.3052



2.5905, 0.1510, 0.0606



0.1168, 0.1549, 0.0627

Previews

White Background



This preview shows how the Yxy color 52.4815, 0.3634, 0.4162 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 52.4815, 0.3634, 0.4162 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 52.4815, 0.3634, 0.4162

Background



This preview shows how black text looks on a background with the Yxy color 52.4815, 0.3634, 0.4162.



This preview shows how white text looks on a background with the Yxy color 52.4815, 0.3634, 0.4162.

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

52.4815, 0.3634, 0.4162

Protanopia

52.1522, 0.3794, 0.4093

Deuteranopia

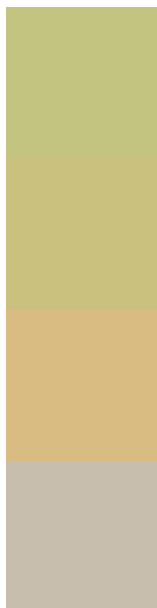
52.1367, 0.3982, 0.3897



Tritanopia

52.4542, 0.3151, 0.3122

Trichromacy



Original Color

52.4815, 0.3634, 0.4162

Protanomaly

52.3428, 0.3733, 0.4117

Deuteranomaly

52.1503, 0.3849, 0.3993

Tritanomaly

52.1623, 0.3336, 0.3489

Monochromacy



Original Color

52.4815, 0.3634, 0.4162

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.9619, 0.3312, 0.3610

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4815, 0.3634, 0.4162 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(194, 196, 127)` looks like.

```
.text, #text, p{  
    color:rgb(194, 196, 127)  
}
```

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(194, 196, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 196, 127) }
```

Border

The CSS property to change the border of an element to Yxy 52.4815, 0.3634, 0.4162 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(194, 196, 127) }
```

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

```
.border{ border-color:rgb(194, 196, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 196, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 196, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 196, 127);  
box-shadow:4px 4px 4px 4px rgb(194, 196,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4815, 0.3634, 0.4162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 196, 127) }
```

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

```
.background{ background-color: rgb(194,  
196, 127) }
```

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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