

Converting Colors

$Yxy(59.7045, 0.3726, 0.4554)$

Have a look what the booklet for
Yxy(59.7045, 0.3726, 0.4554)
contains.

Yxy(59.8633, 0.3723, 0.4556)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.8633, 0.3723, 0.4556)

Conversions

Conversions Part 1

Format	Color
Hex	C4D46A
RGB	196, 212, 106
RGB Percent	77%, 83%, 42%
CMY	0.2312, 0.1687, 0.5843
CMYK	0.08, 0.00, 0.50, 0.17
HSL	69°, 55%, 62%
HSV	69°, 50%, 83%
XYZ	48.9181, 59.8633, 22.6130
YIQ	195.1320, 24.4900, -36.3580

Conversions

Conversions Part 2

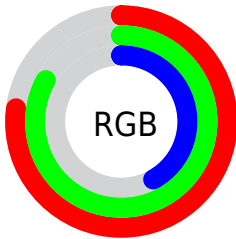
Format	Color
RYB	106, 212, 122
Decimal	12899434
CIELab	81.76, -20.70, 50.12
CIELCh	82, 54.226, 112.442
Yxy	59.8633, 0.3723, 0.4556
Android (android.graphics.Color)	4291089514 (0xFFC4D46A)
YUV	195.1320, -43.9421, 0.7612
Hunter-Lab	77.3714, -22.5431, 36.8315

Details

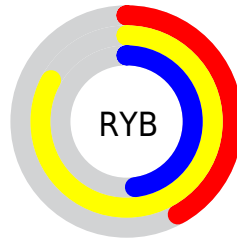
The Yxy color **59.8633, 0.3723, 0.4556** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **19.1970, 0.2300, 0.1762**, and the grayscale version is **54.9174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1289, 0.3682, 0.4221**, and **29.9557, 0.3826, 0.4869** is the 20% darker color. If you saturate the color by 10%, you get **59.0546, 0.3811, 0.4776**, and if you desaturate by 10%, it is **60.7955, 0.3617, 0.4312**.

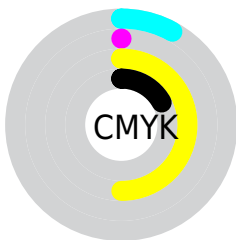
Distribution



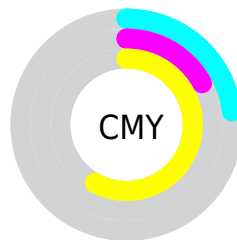
- Red (77%)
- Green (83%)
- Blue (42%)



- Red (42%)
- Yellow (83%)
- Blue (48%)



- Cyan (8%)
- Magenta (0%)
- Yellow (50%)
- Black (17%)




- Cyan (23%)
- Magenta (17%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8633, 0.3723, 0.4556 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 59.8633, 0.3723, 0.4556 by changing the saturation by 10% instead.

 59.8633, 0.3723,
0.4556


 59.8633, 0.3723,
0.4556


424.0937, 0.3467,
0.3942

 43.3085, 0.3772,
0.4698


 104.6313, 0.3641,
0.4340


 30.1272, 0.3825,
0.4872


 133.6133, 0.3607,
0.4257

 19.9352, 0.3880,
0.5089


 167.5065, 0.3576,
0.4185

 12.3479, 0.3926,
0.5359


 206.6952, 0.3549,
0.4123

 6.9811, 0.3979,
0.5753

251.5639, 0.3525,
0.4069

 3.4503, 0.3873,
0.6127

302.4970, 0.3504,

 1.3711, 0.3482,

0.4022

0.6518

359.8788, 0.3484,
0.3980

0.1953, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.8633, 0.3723,
0.4556

59.8633, 0.3723,
0.4556

59.0546, 0.3811,
0.4776

60.7955, 0.3617,
0.4312

58.3531, 0.3878,
0.4962


61.8505, 0.3500,
0.4054


57.7520, 0.3919,
0.5105


63.0378, 0.3376,
0.3793

57.2404, 0.3934,
0.5204

64.3637, 0.3251,
0.3536


 56.7978, 0.3928,
0.5263

 65.8339, 0.3127,
0.3290

 56.7976, 0.3928,
0.5263

 67.4539, 0.3008,
0.3058

 69.2290, 0.2896,
0.2843

 69.7653, 0.2914,
0.2840

 70.2726, 0.2936,
0.2843

Harmonies

Analogous

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



59.8633, 0.4265, 0.4267



59.8633, 0.3723, 0.4556



59.8633, 0.3054, 0.4437

Triad

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



59.8633, 0.3723, 0.4556



59.8633, 0.1909, 0.2567



59.8633, 0.3790, 0.2781

Complementary

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



59.8633, 0.3723, 0.4556



19.1970, 0.2300, 0.1762

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.



59.8633, 0.3076, 0.2418



59.8633, 0.3723, 0.4556



59.8633, 0.2052, 0.2272

Square

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



59.8633, 0.3723, 0.4556



59.8633, 0.2037, 0.3133



59.8633, 0.2453, 0.2235



59.8633, 0.4342, 0.3261

Rectangle

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



59.8633, 0.3723, 0.4556



59.8633, 0.2627, 0.4093



59.8633, 0.2453, 0.2235



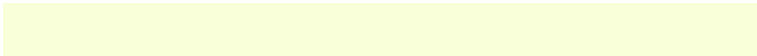
59.8633, 0.3556, 0.2644

Sweetspot

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



59.8660, 0.3723, 0.4556



96.7012, 0.3315, 0.3668



28.9324, 0.4426, 0.3489



20.6074, 0.3342, 0.3723



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.



59.8660, 0.3723, 0.4556



89.6304, 0.3816, 0.4789



53.9734, 0.3302, 0.4754



14.4209, 0.3243, 0.3522



35.1012, 0.3932, 0.5260



2.1434, 0.3980, 0.5222

Inverse Universe

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



19.1970, 0.2300, 0.1762



21.0848, 0.2093, 0.1412



24.1646, 0.2798, 0.1949



12.0975, 0.3004, 0.3051



3.1504, 0.1565, 0.0636



0.2191, 0.1703, 0.0712

Previews

White Background



This preview shows how the Yxy color 59.8633, 0.3723, 0.4556 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 59.8633, 0.3723, 0.4556 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 59.8633, 0.3723, 0.4556

Background



This preview shows how black text looks on a background with the Yxy color 59.8633, 0.3723, 0.4556.



This preview shows how white text looks on a background with the Yxy color 59.8633, 0.3723, 0.4556.

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

59.8633, 0.3723, 0.4556

Protanopia

59.5384, 0.4024, 0.4393

Deuteranopia

59.2441, 0.4236, 0.4138



Tritanopia

59.8217, 0.3082, 0.3107

Trichromacy



Original Color

59.8633, 0.3723, 0.4556

Protanomaly

59.4382, 0.3916, 0.4451

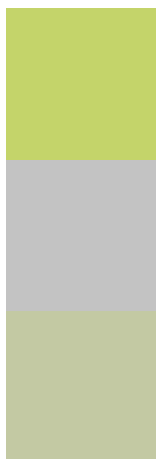
Deuteranomaly

59.0707, 0.4046, 0.4289

Tritanomaly

59.1577, 0.3331, 0.3627

Monochromacy



Original Color

59.8633, 0.3723, 0.4556

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.0197, 0.3359, 0.3763

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8633, 0.3723, 0.4556 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(196, 212, 106)` looks like.

```
.text, #text, p{  
    color:rgb(196, 212, 106)  
}
```

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(196, 212, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 212, 106) }
```

Border

The CSS property to change the border of an element to Yxy 59.8633, 0.3723, 0.4556 is called "border". The border property can be set on classes, ids or directly on the HTML element.

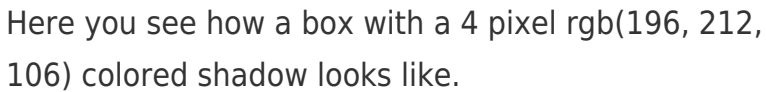
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 212, 106) }
```

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

```
.border{ border-color:rgb(196, 212, 106) }
```

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



Here you see how a box with a 4 pixel rgb(196, 212, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 212, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 212, 106);  
box-shadow:4px 4px 4px 4px rgb(196, 212,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8633, 0.3723, 0.4556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 212, 106) }
```

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

```
.background{ background-color: rgb(196,  
212, 106) }
```

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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