

Converting Colors

Yxy(53.6905, 0.3759, 0.4631)

Have a look what the booklet for
Yxy(53.6905, 0.3759, 0.4631)
contains.

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Color

Yxy(53.4883, 0.3757, 0.4631)

Conversions

Conversions Part 1

Format	Color
Hex	BACA5E
RGB	186, 202, 94
RGB Percent	73%, 79%, 37%
CMY	0.2705, 0.2078, 0.6315
CMYK	0.08, 0.00, 0.53, 0.21
HSL	69°, 50%, 58%
HSV	69°, 53%, 79%
XYZ	43.3936, 53.4883, 18.6187
YIQ	184.9040, 25.1320, -36.9800

Conversions

Conversions Part 2

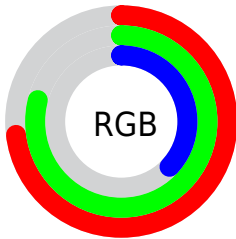
Format	Color
RYB	94, 202, 110
Decimal	12241502
CIELab	78.16, -20.87, 51.34
CIELCh	78, 55.419, 112.120
Yxy	53.4883, 0.3757, 0.4631
Android (android.graphics.Color)	4290431582 (0xFFBACA5E)
YUV	184.9040, -44.8157, 0.9612
Hunter-Lab	73.1357, -22.0782, 36.1011

Details

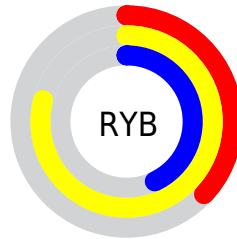
The Yxy color **53.4883, 0.3757, 0.4631** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **15.5755, 0.2233, 0.1649**, and the grayscale version is **48.7045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8597, 0.3685, 0.4368**, and **26.1652, 0.3870, 0.4975** is the 20% darker color. If you saturate the color by 10%, you get **52.8041, 0.3839, 0.4839**, and if you desaturate by 10%, it is **54.2801, 0.3656, 0.4395**.

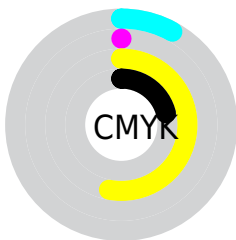
Distribution



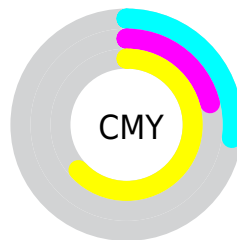
- Red (73%)
- Green (79%)
- Blue (37%)



- Red (37%)
- Yellow (79%)
- Blue (43%)



- Cyan (8%)
- Magenta (0%)
- Yellow (53%)
- Black (21%)





- Cyan (27%)
- Magenta (21%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4883, 0.3757, 0.4631 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 53.4883, 0.3757, 0.4631 by changing the saturation by 10% instead.


 53.4883, 0.3757,
0.4631


 53.4883, 0.3757,
0.4631


400.1557, 0.3483,
0.3970


 38.1927, 0.3808,
0.4786

 95.3225, 0.3670,
0.4397

 26.1323, 0.3862,
0.4976


 122.6299, 0.3633,
0.4307

 16.9226, 0.3915,
0.5212

 154.7101, 0.3601,
0.4230

 10.1794, 0.3950,
0.5503

 191.9474, 0.3572,
0.4164

 5.5180, 0.4015,
0.5985

234.7262, 0.3546,
0.4106

 2.5543, 0.3754,
0.6246

283.4309, 0.3523,

 0.9037, 0.2788,

0.4055

0.7212

338.4460, 0.3502,
0.4010

0.0000, 0.0000,
0.0000

53.4883, 0.3757,
0.4631

53.4883, 0.3757,
0.4631

52.8041, 0.3839,
0.4839

54.2801, 0.3656,
0.4395

52.2125, 0.3897,
0.5011

55.1789, 0.3542,
0.4142

51.7073, 0.3930,
0.5139

56.1934, 0.3420,
0.3882

51.2777, 0.3938,
0.5222

57.3293, 0.3294,
0.3624

51.0260, 0.3933,
0.5259

58.5919, 0.3170,
0.3374

■ 59.9861, 0.3049,
0.3137

■ 61.5167, 0.2934,
0.2917

■ 63.1514, 0.2830,
0.2720

■ 63.5938, 0.2851,
0.2723

Harmonies

Analogous

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



53.4883, 0.4330, 0.4309



53.4883, 0.3757, 0.4631



53.4883, 0.3051, 0.4519

Triad

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



53.4883, 0.3757, 0.4631



53.4883, 0.1847, 0.2526



53.4883, 0.3821, 0.2748

Complementary

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



53.4883, 0.3757, 0.4631



15.5755, 0.2233, 0.1649

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.



53.4883, 0.3062, 0.2370



53.4883, 0.3757, 0.4631



53.4883, 0.1993, 0.2219

Square

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



53.4883, 0.3757, 0.4631



53.4883, 0.1981, 0.3126



53.4883, 0.2408, 0.2180



53.4883, 0.4412, 0.3247

Rectangle

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



53.4883, 0.3757, 0.4631



53.4883, 0.2601, 0.4154



53.4883, 0.2408, 0.2180



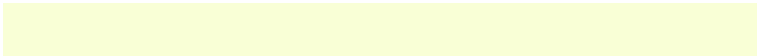
53.4883, 0.3571, 0.2604

Sweetspot

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



53.4907, 0.3757, 0.4631



96.5187, 0.3329, 0.3694



24.1680, 0.4571, 0.3476



20.5720, 0.3355, 0.3748



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.



53.4907, 0.3757, 0.4631



89.2555, 0.3848, 0.4866



48.0826, 0.3320, 0.4851



13.0094, 0.3243, 0.3521



32.8651, 0.3937, 0.5256



1.7189, 0.3990, 0.5214

Inverse Universe

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



15.5755, 0.2233, 0.1649



18.5483, 0.2014, 0.1286



19.9862, 0.2750, 0.1854



10.9223, 0.3005, 0.3052



2.9445, 0.1564, 0.0635



0.1781, 0.1720, 0.0721

Previews

White Background



This preview shows how the Yxy color 53.4883, 0.3757, 0.4631 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 53.4883, 0.3757, 0.4631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

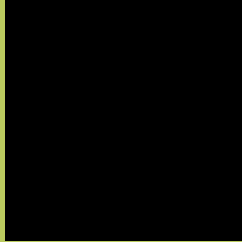
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.4883, 0.3757, 0.4631

Background



This preview shows how black text looks on a background with the Yxy color 53.4883, 0.3757, 0.4631.



This preview shows how white text looks on a background with the Yxy color 53.4883, 0.3757, 0.4631.

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

53.4883, 0.3757, 0.4631

Protanopia

53.1914, 0.4075, 0.4452

Deuteranopia

53.1864, 0.4287, 0.4197



Tritanopia

53.2405, 0.3079, 0.3110

Trichromacy



Original Color

53.4883, 0.3757, 0.4631

Protanomaly

53.0899, 0.3961, 0.4515

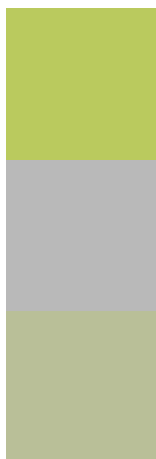
Deuteranomaly

53.0301, 0.4085, 0.4359

Tritanomaly

52.7695, 0.3349, 0.3656

Monochromacy



Original Color

53.4883, 0.3757, 0.4631

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.8429, 0.3379, 0.3801

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4883, 0.3757, 0.4631 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(186, 202, 94)` looks like.

```
.text, #text, p{  
    color:rgb(186, 202, 94)  
}
```

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(186, 202, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 202, 94) }
```

Border

The CSS property to change the border of an element to Yxy 53.4883, 0.3757, 0.4631 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(186, 202, 94) }
```

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

```
.border{ border-color:rgb(186, 202, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 202, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 202, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 202, 94);  
box-shadow:4px 4px 4px 4px rgb(186, 202,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4883, 0.3757, 0.4631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 202, 94) }
```

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

```
.background{ background-color: rgb(186,  
202, 94) }
```

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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