

Converting Colors

$Y_{xy}(52.7287, 0.3558, 0.4332)$

Have a look what the booklet for
Yxy(52.7287, 0.3558, 0.4332)
contains.

Yxy(52.4884, 0.3556, 0.4330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.4884, 0.3556, 0.4330)

Conversions

Conversions Part 1

Format	Color
Hex	B5C878
RGB	181, 200, 120
RGB Percent	71%, 78%, 47%
CMY	0.2901, 0.2157, 0.5294
CMYK	0.09, 0.00, 0.40, 0.22
HSL	74°, 42%, 63%
HSV	74°, 40%, 78%
XYZ	43.1059, 52.4884, 25.6260
YIQ	185.1990, 14.3560, -28.9080

Conversions

Conversions Part 2

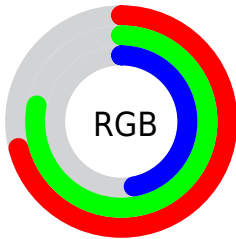
Format	Color
RYB	120, 200, 139
Decimal	11913336
CIELab	77.57, -19.18, 37.85
CIELCh	78, 42.429, 116.868
Yxy	52.4884, 0.3556, 0.4330
Android (android.graphics.Color)	4290103416 (0xFFB5C878)
YUV	185.1990, -32.1431, -3.6825
Hunter-Lab	72.4489, -20.5808, 29.7427

Details

The Yxy color **52.4884, 0.3556, 0.4330** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.0867, 0.2560, 0.2128**, and the grayscale version is **48.8124, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7143, 0.3498, 0.4129**, and **25.5120, 0.3641, 0.4613** is the 20% darker color. If you saturate the color by 10%, you get **51.4913, 0.3646, 0.4587**, and if you desaturate by 10%, it is **53.6111, 0.3455, 0.4063**.

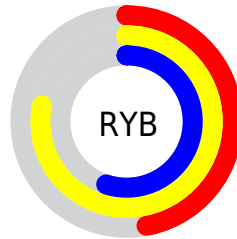
Distribution



Red (71%)

Green (78%)

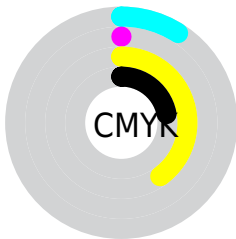
Blue (47%)



Red (47%)

Yellow (78%)

Blue (55%)

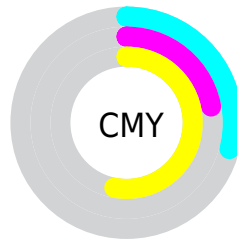


Cyan (9%)

Magenta (0%)

Yellow (40%)

Black (22%)



Cyan (29%)

Magenta (22%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4884, 0.3556, 0.4330 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 52.4884, 0.3556, 0.4330 by changing the saturation by 10% instead.

■ 52.4884, 0.3556,
0.4330

■ 52.4884, 0.3556,
0.4330

396.3192, 0.3363,
0.3808

■ 37.3945, 0.3596,
0.4458

■ 93.8511, 0.3491,
0.4141

■ 25.5131, 0.3642,
0.4620

■ 120.8888, 0.3465,
0.4070

■ 16.4597, 0.3693,
0.4831

■ 152.6764, 0.3443,
0.4010

■ 9.8501, 0.3745,
0.5111

189.5985, 0.3423,
0.3958

■ 5.2997, 0.3789,
0.5507

232.0395, 0.3405,
0.3913

■ 2.4241, 0.3829,
0.6171

280.3836, 0.3389,

■ 0.8383, 0.2816,

0.3873

0.7184

335.0154, 0.3375,
0.3839

0.0000, 0.0000,
0.0000

52.4884, 0.3556,
0.4330

52.4884, 0.3556,
0.4330

51.4913, 0.3646,
0.4587

53.6111, 0.3455,
0.4063

50.6062, 0.3719,
0.4823

54.8584, 0.3347,
0.3796

49.8282, 0.3770,
0.5027


56.2381, 0.3236,
0.3537

49.1491, 0.3796,
0.5190

57.7555, 0.3127,
0.3290

48.5589, 0.3797,
0.5306

59.4155, 0.3022,
0.3060

 48.0396, 0.3777,
0.5383

 61.2227, 0.2922,
0.2848

 62.8558, 0.2859,
0.2702

 63.5805, 0.2892,
0.2708

 64.3261, 0.2926,
0.2714

Harmonies

Analogous

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



52.4884, 0.4023, 0.4161



52.4884, 0.3556, 0.4330



52.4884, 0.2998, 0.4159

Triad

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



52.4884, 0.3556, 0.4330



52.4884, 0.2109, 0.2650



52.4884, 0.3751, 0.2925

Complementary

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



52.4884, 0.3556, 0.4330



23.0867, 0.2560, 0.2128

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.



52.4884, 0.3177, 0.2595



52.4884, 0.3556, 0.4330



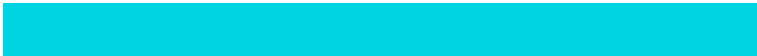
52.4884, 0.2264, 0.2424

Square

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



52.4884, 0.3556, 0.4330



52.4884, 0.2188, 0.3094



52.4884, 0.2638, 0.2415



52.4884, 0.4162, 0.3346

Rectangle

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



52.4884, 0.3556, 0.4330



52.4884, 0.2651, 0.3858



52.4884, 0.2638, 0.2415



52.4884, 0.3568, 0.2802

Sweetspot

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



52.4907, 0.3556, 0.4330



96.8338, 0.3260, 0.3592



32.0021, 0.4025, 0.3539



20.6572, 0.3275, 0.3626



0.0000, 0.0000, 0.0000



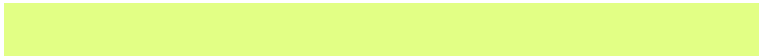
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.4907, 0.3556, 0.4330



89.3692, 0.3635, 0.4554



48.3544, 0.3228, 0.4449



12.2855, 0.3229, 0.3521



30.5892, 0.3783, 0.5378



1.4799, 0.3873, 0.5307

Inverse Universe

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



23.0867, 0.2560, 0.2128



31.5266, 0.2406, 0.1841



27.1450, 0.2951, 0.2247



10.4068, 0.3019, 0.3054



3.0767, 0.1639, 0.0677



0.1802, 0.1859, 0.0798

Previews

White Background



This preview shows how the Yxy color 52.4884, 0.3556, 0.4330 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 52.4884, 0.3556, 0.4330 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 52.4884, 0.3556, 0.4330

Background



This preview shows how black text looks on a background with the Yxy color 52.4884, 0.3556, 0.4330.



This preview shows how white text looks on a background with the Yxy color 52.4884, 0.3556, 0.4330.

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

52.4884, 0.3556, 0.4330

Protanopia

52.1013, 0.3864, 0.4182

Deuteranopia

52.1452, 0.4040, 0.3960



Tritanopia

52.4412, 0.3032, 0.3107

Trichromacy



Original Color

52.4884, 0.3556, 0.4330

Protanomaly

52.0337, 0.3752, 0.4234

Deuteranomaly

51.8223, 0.3855, 0.4083

Tritanomaly

52.3309, 0.3229, 0.3545

Monochromacy



Original Color

52.4884, 0.3556, 0.4330

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.5905, 0.3301, 0.3669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4884, 0.3556, 0.4330 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(181, 200, 120)` looks like.

```
.text, #text, p{  
    color:rgb(181, 200, 120)  
}
```

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(181, 200, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 200, 120) }
```

Border

The CSS property to change the border of an element to Yxy 52.4884, 0.3556, 0.4330 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(181, 200, 120) }
```

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

```
.border{ border-color:rgb(181, 200, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 200, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 200, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 200, 120);  
box-shadow:4px 4px 4px 4px rgb(181, 200,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4884, 0.3556, 0.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 200, 120) }
```

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

```
.background{ background-color: rgb(181,  
200, 120) }
```

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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