

Converting Colors

Yxy(53.5535, 0.3546, 0.4331)

Have a look what the booklet for
Yxy(53.5535, 0.3546, 0.4331)
contains.

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Color

Yxy(53.5666, 0.3550, 0.4336)

Conversions

Conversions Part 1

Format	Color
Hex	B6CA79
RGB	182, 202, 121
RGB Percent	71%, 79%, 47%
CMY	0.2864, 0.2078, 0.5255
CMYK	0.10, 0.00, 0.40, 0.21
HSL	75°, 43%, 63%
HSV	75°, 40%, 79%
XYZ	43.8564, 53.5666, 26.1162
YIQ	186.7860, 14.0810, -29.4310

Conversions

Conversions Part 2

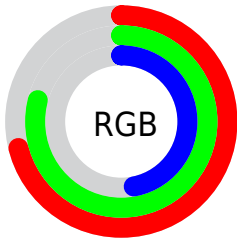
Format	Color
RYB	121, 202, 141
Decimal	11979385
CIELab	78.21, -19.70, 38.16
CIELCh	78, 42.949, 117.305
Yxy	53.5666, 0.3550, 0.4336
Android (android.graphics.Color)	4290169465 (0xFFB6CA79)
YUV	186.7860, -32.4325, -4.1973
Hunter-Lab	73.1892, -21.1204, 30.0759

Details

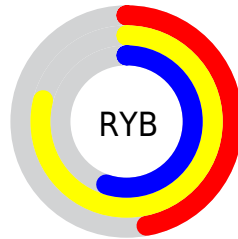
The Yxy color **53.5666, 0.3550, 0.4336** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.6069, 0.2566, 0.2126**, and the grayscale version is **49.7452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9267, 0.3499, 0.4117**, and **26.2239, 0.3633, 0.4618** is the 20% darker color. If you saturate the color by 10%, you get **52.5263, 0.3638, 0.4595**, and if you desaturate by 10%, it is **54.7372, 0.3450, 0.4068**.

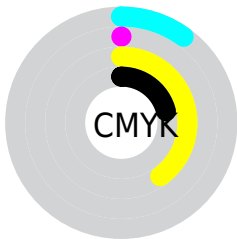
Distribution



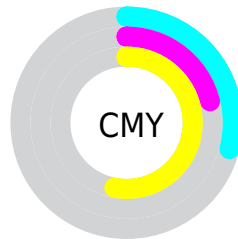
- Red (71%)
- Green (79%)
- Blue (47%)



- Red (47%)
- Yellow (79%)
- Blue (55%)



- Cyan (10%)
- Magenta (0%)
- Yellow (40%)
- Black (21%)




- Cyan (29%)
- Magenta (21%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5666, 0.3550, 0.4336 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 53.5666, 0.3550, 0.4336 by changing the saturation by 10% instead.


 53.5666, 0.3550,
0.4336


 53.5666, 0.3550,
0.4336


400.4552, 0.3360,
0.3812


 38.2553, 0.3589,
0.4464


 95.4376, 0.3487,
0.4147

 26.1809, 0.3633,
0.4626


 122.7661, 0.3462,
0.4076

 16.9590, 0.3683,
0.4836


 154.8690, 0.3439,
0.4015

 10.2053, 0.3732,
0.5114

192.1309, 0.3420,
0.3963

 5.5353, 0.3770,
0.5503

234.9360, 0.3402,
0.3918

 2.5646, 0.3820,
0.6180

283.6689, 0.3387,

 0.9089, 0.2963,

0.3878

0.7037

338.7138, 0.3373,
0.3843

0.0000, 0.0000,
0.0000

53.5666, 0.3550,
0.4336

53.5666, 0.3550,
0.4336

52.5263, 0.3638,
0.4595

54.7372, 0.3450,
0.4068

51.6024, 0.3708,
0.4833

56.0370, 0.3344,
0.3800

50.7898, 0.3758,
0.5038


57.4743, 0.3236,
0.3539

50.0799, 0.3782,
0.5203


59.0544, 0.3128,
0.3292


49.4628, 0.3781,
0.5320


60.7824, 0.3024,
0.3062

 48.9247, 0.3759,
0.5397

 62.6629, 0.2926,
0.2850

 64.2141, 0.2879,
0.2728

 64.9918, 0.2914,
0.2733

 65.7929, 0.2949,
0.2739

Harmonies

Analogous

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



53.5666, 0.4022, 0.4169



53.5666, 0.3550, 0.4336



53.5666, 0.2989, 0.4159

Triad

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



53.5666, 0.3550, 0.4336



53.5666, 0.2104, 0.2641



53.5666, 0.3762, 0.2929

Complementary

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



53.5666, 0.3550, 0.4336



23.6069, 0.2566, 0.2126

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.



53.5666, 0.3186, 0.2596



53.5666, 0.3550, 0.4336



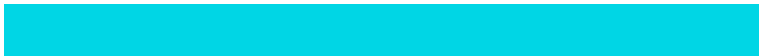
53.5666, 0.2264, 0.2418

Square

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



53.5666, 0.3550, 0.4336



53.5666, 0.2180, 0.3085



53.5666, 0.2642, 0.2412



53.5666, 0.4172, 0.3352

Rectangle

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



53.5666, 0.3550, 0.4336



53.5666, 0.2641, 0.3853



53.5666, 0.2642, 0.2412



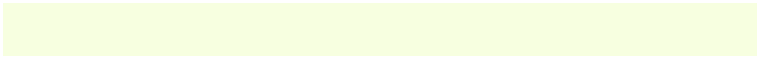
53.5666, 0.3579, 0.2804

Sweetspot

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



53.5690, 0.3550, 0.4336



96.7753, 0.3258, 0.3592



32.6669, 0.4029, 0.3540



20.6434, 0.3273, 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.



53.5690, 0.3550, 0.4336



89.1626, 0.3626, 0.4558



49.4328, 0.3228, 0.4453



12.9515, 0.3228, 0.3522



31.5209, 0.3765, 0.5392



1.6603, 0.3853, 0.5323

Inverse Universe

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



23.6069, 0.2566, 0.2126



31.6612, 0.2416, 0.1844



27.6923, 0.2951, 0.2244



10.9759, 0.3020, 0.3053



3.2159, 0.1649, 0.0682



0.2027, 0.1857, 0.0797

Previews

White Background



This preview shows how the Yxy color 53.5666, 0.3550, 0.4336 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 53.5666, 0.3550, 0.4336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

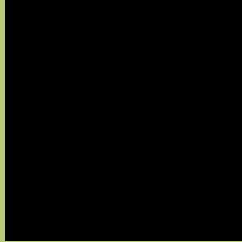
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5666, 0.3550, 0.4336

Background



This preview shows how black text looks on a background with the Yxy color 53.5666, 0.3550, 0.4336.



This preview shows how white text looks on a background with the Yxy color 53.5666, 0.3550, 0.4336.

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

53.5666, 0.3550, 0.4336

Protanopia

53.2968, 0.3864, 0.4186

Deuteranopia

53.3344, 0.4039, 0.3965



Tritanopia

53.5417, 0.3025, 0.3108

Trichromacy



Original Color

53.5666, 0.3550, 0.4336

Protanomaly

53.0911, 0.3745, 0.4240

Deuteranomaly

53.0130, 0.3856, 0.4088

Tritanomaly

53.4333, 0.3220, 0.3543

Monochromacy



Original Color

53.5666, 0.3550, 0.4336

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.6579, 0.3291, 0.3667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5666, 0.3550, 0.4336 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(182, 202, 121)` looks like.

```
.text, #text, p{  
    color:rgb(182, 202, 121)  
}
```

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(182, 202, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 202, 121) }
```

Border

The CSS property to change the border of an element to Yxy 53.5666, 0.3550, 0.4336 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(182, 202, 121) }
```

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

```
.border{ border-color:rgb(182, 202, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 202, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 202, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 202, 121);  
box-shadow:4px 4px 4px 4px rgb(182, 202,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5666, 0.3550, 0.4336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 202, 121) }
```

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

```
.background{ background-color: rgb(182,  
202, 121) }
```

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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