

Converting Colors

Yxy(53.6712, 0.3564, 0.4361)

Have a look what the booklet for
Yxy(53.6712, 0.3564, 0.4361)
contains.

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Color

Yxy(53.5181, 0.3564, 0.4360)

Conversions

Conversions Part 1

Format	Color
Hex	B6CA77
RGB	182, 202, 119
RGB Percent	71%, 79%, 47%
CMY	0.2862, 0.2079, 0.5333
CMYK	0.10, 0.00, 0.41, 0.21
HSL	74°, 44%, 63%
HSV	74°, 41%, 79%
XYZ	43.7474, 53.5181, 25.4825
YIQ	186.5580, 14.7230, -30.0530

Conversions

Conversions Part 2

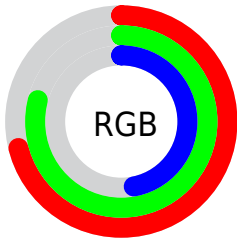
Format	Color
RYB	119, 202, 139
Decimal	11979383
CIELab	78.18, -19.90, 39.13
CIELCh	78, 43.898, 116.957
Yxy	53.5181, 0.3564, 0.4360
Android (android.graphics.Color)	4290169463 (0xFFB6CA77)
YUV	186.5580, -33.3061, -3.9974
Hunter-Lab	73.1561, -21.2800, 30.5567

Details

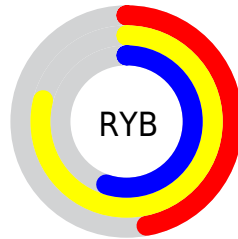
The Yxy color **53.5181, 0.3564, 0.4360** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.9505, 0.2544, 0.2092**, and the grayscale version is **49.6213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8493, 0.3511, 0.4137**, and **26.1987, 0.3649, 0.4648** is the 20% darker color. If you saturate the color by 10%, you get **52.5037, 0.3652, 0.4616**, and if you desaturate by 10%, it is **54.6610, 0.3464, 0.4093**.

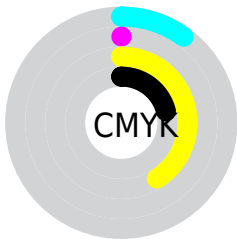
Distribution



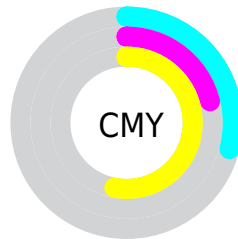
- Red (71%)
- Green (79%)
- Blue (47%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (41%)
- Black (21%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5181, 0.3564, 0.4360 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 53.5181, 0.3564, 0.4360 by changing the saturation by 10% instead.


 53.5181, 0.3564,
0.4360

 53.5181, 0.3564,
0.4360


400.2697, 0.3369,
0.3825


 38.2165, 0.3604,
0.4491


 95.3663, 0.3499,
0.4167

 26.1508, 0.3649,
0.4656


 122.6817, 0.3473,
0.4094

 16.9365, 0.3699,
0.4869


 154.7706, 0.3450,
0.4032

 10.1892, 0.3748,
0.5151

192.0172, 0.3430,
0.3979

 5.5246, 0.3787,
0.5549

234.8061, 0.3412,
0.3932

 2.5582, 0.3808,
0.6192

283.5215, 0.3396,

 0.9057, 0.2928,

0.3892

0.7072

338.5479, 0.3382,
0.3856

0.0000, 0.0000,
0.0000

53.5181, 0.3564,
0.4360

53.5181, 0.3564,
0.4360

52.5037, 0.3652,
0.4616

54.6610, 0.3464,
0.4093

51.6039, 0.3722,
0.4850

55.9313, 0.3357,
0.3825

50.8133, 0.3770,
0.5051

57.3374, 0.3248,
0.3564

50.1236, 0.3793,
0.5209

58.8844, 0.3139,
0.3316


49.5243, 0.3790,
0.5321

60.5776, 0.3033,
0.3084

 49.0494, 0.3771,
0.5388

 62.4217, 0.2933,
0.2870

 64.0672, 0.2873,
0.2726

 64.8190, 0.2907,
0.2732

 65.5928, 0.2941,
0.2737

Harmonies

Analogous

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



53.5181, 0.4045, 0.4183



53.5181, 0.3564, 0.4360



53.5181, 0.2991, 0.4185

Triad

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



53.5181, 0.3564, 0.4360



53.5181, 0.2084, 0.2631



53.5181, 0.3770, 0.2916

Complementary

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



53.5181, 0.3564, 0.4360



22.9505, 0.2544, 0.2092

Split Complementary

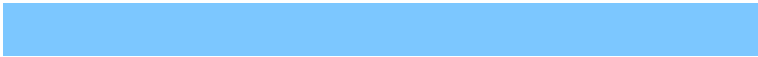
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.5181, 0.3180, 0.2579



53.5181, 0.3564, 0.4360



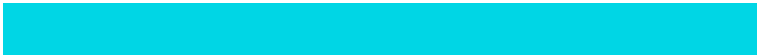
53.5181, 0.2243, 0.2401

Square

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



53.5181, 0.3564, 0.4360



53.5181, 0.2163, 0.3085



53.5181, 0.2626, 0.2393



53.5181, 0.4192, 0.3346

Rectangle

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



53.5181, 0.3564, 0.4360



53.5181, 0.2636, 0.3873



53.5181, 0.2626, 0.2393



53.5181, 0.3581, 0.2790

Sweetspot

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



53.5205, 0.3564, 0.4360



96.8135, 0.3259, 0.3592



32.1750, 0.4059, 0.3546



20.6524, 0.3274, 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.



53.5205, 0.3564, 0.4360



89.1292, 0.3640, 0.4581



49.2477, 0.3229, 0.4485



12.9554, 0.3229, 0.3522



31.6066, 0.3777, 0.5383



1.6641, 0.3862, 0.5316

Inverse Universe

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



22.9505, 0.2544, 0.2092



30.6846, 0.2391, 0.1809



27.1501, 0.2945, 0.2218



10.9722, 0.3019, 0.3053



3.1929, 0.1642, 0.0678



0.2010, 0.1848, 0.0791

Previews

White Background



This preview shows how the Yxy color 53.5181, 0.3564, 0.4360 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 53.5181, 0.3564, 0.4360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

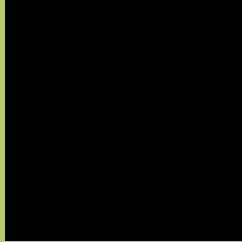
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5181, 0.3564, 0.4360

Background



This preview shows how black text looks on a background with the Yxy color 53.5181, 0.3564, 0.4360.



This preview shows how white text looks on a background with the Yxy color 53.5181, 0.3564, 0.4360.

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

53.5181, 0.3564, 0.4360

Protanopia

53.2498, 0.3879, 0.4208

Deuteranopia

53.0347, 0.4070, 0.3974



Tritanopia

53.5417, 0.3025, 0.3108

Trichromacy



Original Color

53.5181, 0.3564, 0.4360

Protanomaly

53.0436, 0.3759, 0.4263

Deuteranomaly

52.9629, 0.3871, 0.4111

Tritanomaly

53.3938, 0.3227, 0.3556

Monochromacy



Original Color

53.5181, 0.3564, 0.4360

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.6222, 0.3299, 0.3680

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5181, 0.3564, 0.4360 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(182, 202, 119)  
}
```

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, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 202, 119) }
```

Border

The CSS property to change the border of an element to Yxy 53.5181, 0.3564, 0.4360 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, 119) }
```

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

```
.border{ border-color:rgb(182, 202, 119) }
```

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, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 202, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 202, 119);  
box-shadow:4px 4px 4px 4px rgb(182, 202,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5181, 0.3564, 0.4360 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, 119) }
```

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

```
.background{ background-color: rgb(182,  
202, 119) }
```

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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