

Converting Colors

$Y_{xy}(53.5265, 0.3772, 0.4422)$

Have a look what the booklet for
Yxy(53.5265, 0.3772, 0.4422)
contains.

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Color

Yxy(53.5105, 0.3769, 0.4425)

Conversions

Conversions Part 1

Format	Color
Hex	C3C76B
RGB	195, 199, 107
RGB Percent	76%, 78%, 42%
CMY	0.2354, 0.2196, 0.5803
CMYK	0.02, 0.00, 0.46, 0.22
HSL	63°, 45%, 60%
HSV	63°, 46%, 78%
XYZ	45.5776, 53.5105, 21.8395
YIQ	187.3160, 27.1480, -29.4600

Conversions

Conversions Part 2

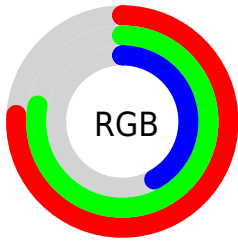
Format	Color
RYB	107, 199, 111
Decimal	12830571
CIELab	78.18, -14.57, 45.30
CIElCh	78, 47.584, 107.831
Yxy	53.5105, 0.3769, 0.4425
Android (android.graphics.Color)	4291020651 (0xFFC3C76B)
YUV	187.3160, -39.5958, 6.7389
Hunter-Lab	73.1509, -16.7972, 33.5043

Details

The Yxy color **53.5105, 0.3769, 0.4425** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.0258, 0.2293, 0.1868**, and the grayscale version is **50.0979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9407, 0.3675, 0.4224**, and **26.0253, 0.3896, 0.4719** is the 20% darker color. If you saturate the color by 10%, you get **53.0249, 0.3884, 0.4636**, and if you desaturate by 10%, it is **54.0981, 0.3639, 0.4191**.

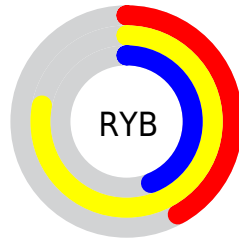
Distribution



Red (76%)

Green (78%)

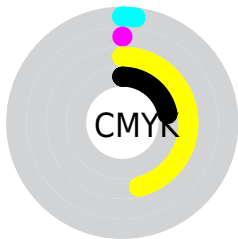
Blue (42%)



Red (42%)

Yellow (78%)

Blue (44%)

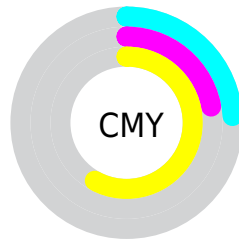


Cyan (2%)

Magenta (0%)

Yellow (46%)

Black (22%)



Cyan (24%)


Magenta (22%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5105, 0.3769, 0.4425 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 53.5105, 0.3769, 0.4425 by changing the saturation by 10% instead.


 53.5105, 0.3769,
0.4425


 53.5105, 0.3769,
0.4425


400.2406, 0.3478,
0.3868


 38.2105, 0.3829,
0.4556


 95.3551, 0.3672,
0.4228


 26.1461, 0.3899,
0.4718


 122.6685, 0.3633,
0.4152

 16.9329, 0.3976,
0.4920

 154.7552, 0.3598,
0.4087

 10.1867, 0.4055,
0.5175

 191.9994, 0.3568,
0.4031

 5.5229, 0.4182,
0.5586

234.7857, 0.3542,
0.3983

 2.5572, 0.4102,
0.5898

283.4984, 0.3518,

 0.9052, 0.3579,

0.3940

0.6421

338.5219, 0.3497,
0.3902

0.0000, 0.0000,
0.0000

53.5105, 0.3769,
0.4425

53.5105, 0.3769,
0.4425

53.0249, 0.3884,
0.4636

54.0981, 0.3639,
0.4191

52.6272, 0.3978,
0.4814

54.7863, 0.3500,
0.3943

52.3124, 0.4048,
0.4952

55.5833, 0.3356,
0.3690

52.0715, 0.4093,
0.5046

56.4942, 0.3214,
0.3441


51.8935, 0.4112,
0.5099

57.5238, 0.3076,
0.3201

 51.8344, 0.4116,
0.5113

 58.6767, 0.2944,
0.2974

 59.9572, 0.2822,
0.2763

 60.6251, 0.2774,
0.2677

 60.7475, 0.2780,
0.2678

Harmonies

Analogous

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



53.5105, 0.4229, 0.4135



53.5105, 0.3769, 0.4425



53.5105, 0.3163, 0.4371

Triad

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



53.5105, 0.3769, 0.4425



53.5105, 0.2005, 0.2698



53.5105, 0.3636, 0.2763

Complementary

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



53.5105, 0.3769, 0.4425



18.0258, 0.2293, 0.1868

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.



53.5105, 0.2986, 0.2447



53.5105, 0.3769, 0.4425



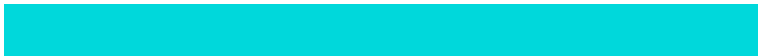
53.5105, 0.2099, 0.2381

Square

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



53.5105, 0.3769, 0.4425



53.5105, 0.2167, 0.3252



53.5105, 0.2437, 0.2307



53.5105, 0.4175, 0.3198

Rectangle

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



53.5105, 0.3769, 0.4425



53.5105, 0.2760, 0.4099



53.5105, 0.2437, 0.2307



53.5105, 0.3420, 0.2641

Sweetspot

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



53.5129, 0.3769, 0.4425



97.6139, 0.3327, 0.3639



24.3752, 0.4349, 0.3334



20.8225, 0.3359, 0.3694



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.



53.5129, 0.3769, 0.4425



92.8615, 0.3879, 0.4627



48.3939, 0.3382, 0.4591



12.3923, 0.3259, 0.3519



33.3360, 0.4118, 0.5113



1.5860, 0.4134, 0.5099

Inverse Universe

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



18.0258, 0.2293, 0.1868



23.4833, 0.2094, 0.1535



21.7185, 0.2720, 0.2017



10.3093, 0.2989, 0.3052



2.6978, 0.1516, 0.0609



0.1357, 0.1571, 0.0639

Previews

White Background



This preview shows how the Yxy color 53.5105, 0.3769, 0.4425 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 53.5105, 0.3769, 0.4425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

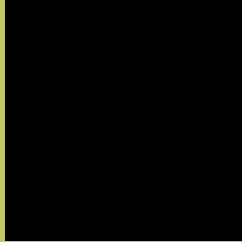
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5105, 0.3769, 0.4425

Background



This preview shows how black text looks on a background with the Yxy color 53.5105, 0.3769, 0.4425.



This preview shows how white text looks on a background with the Yxy color 53.5105, 0.3769, 0.4425.

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

53.5105, 0.3769, 0.4425

Protanopia

53.3060, 0.3975, 0.4319

Deuteranopia

53.0908, 0.4181, 0.4091



Tritanopia

53.4000, 0.3160, 0.3113

Trichromacy



Original Color

53.5105, 0.3769, 0.4425

Protanomaly

53.1926, 0.3894, 0.4354

Deuteranomaly

52.7366, 0.4025, 0.4201

Tritanomaly

53.0830, 0.3397, 0.3587

Monochromacy



Original Color

53.5105, 0.3769, 0.4425

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.6774, 0.3375, 0.3715

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5105, 0.3769, 0.4425 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(195, 199, 107)` looks like.

```
.text, #text, p{  
    color:rgb(195, 199, 107)  
}
```

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(195, 199, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 199, 107) }
```

Border

The CSS property to change the border of an element to Yxy 53.5105, 0.3769, 0.4425 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(195, 199, 107) }
```

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

```
.border{ border-color:rgb(195, 199, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 199, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 199, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 199, 107); box-shadow:4px 4px 4px 4px rgb(195, 199, 107) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5105, 0.3769, 0.4425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 199, 107) }
```

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

```
.background{ background-color: rgb(195,  
199, 107) }
```

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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