

Converting Colors

Yxy(53.4324, 0.3804, 0.4438)

Have a look what the booklet for
Yxy(53.4324, 0.3804, 0.4438)
contains.

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Color

Yxy(53.2784, 0.3805, 0.4429)

Conversions

Conversions Part 1

Format	Color
Hex	C5C669
RGB	197, 198, 105
RGB Percent	77%, 78%, 41%
CMY	0.2274, 0.2235, 0.5881
CMYK	0.01, 0.00, 0.47, 0.22
HSL	61°, 45%, 59%
HSV	61°, 47%, 78%
XYZ	45.7720, 53.2784, 21.2440
YIQ	187.0990, 29.2570, -29.1350

Conversions

Conversions Part 2

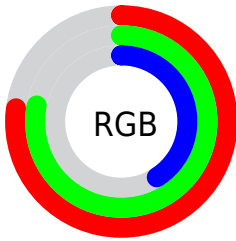
Format	Color
RYB	105, 198, 106
Decimal	12961385
CIELab	78.04, -13.43, 46.14
CIELCh	78, 48.051, 106.226
Yxy	53.2784, 0.3805, 0.4429
Android (android.graphics.Color)	4291151465 (0xFFC5C669)
YUV	187.0990, -40.4748, 8.6832
Hunter-Lab	72.9921, -15.8019, 33.8384

Details

The Yxy color **53.2784, 0.3805, 0.4429** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.2532, 0.2253, 0.1834**, and the grayscale version is **49.9764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2486, 0.3700, 0.4238**, and **25.8756, 0.3943, 0.4718** is the 20% darker color. If you saturate the color by 10%, you get **52.8912, 0.3924, 0.4632**, and if you desaturate by 10%, it is **53.7654, 0.3670, 0.4201**.

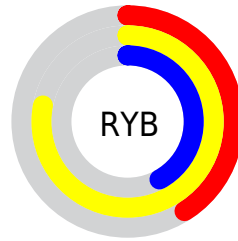
Distribution



Red (77%)

Green (78%)

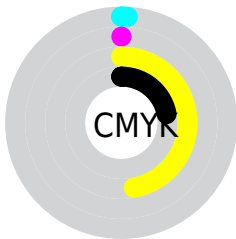
Blue (41%)



Red (41%)

Yellow (78%)

Blue (42%)

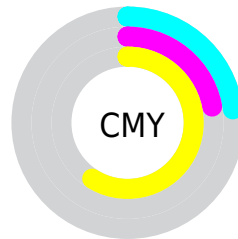


Cyan (1%)

Magenta (0%)

Yellow (47%)

Black (22%)



Cyan (23%)


Magenta (22%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2784, 0.3805, 0.4429 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 53.2784, 0.3805, 0.4429 by changing the saturation by 10% instead.


 53.2784, 0.3805,
0.4429


 53.2784, 0.3805,
0.4429


399.3523, 0.3497,
0.3872


 38.0251, 0.3869,
0.4559


 95.0139, 0.3702,
0.4232

 26.0021, 0.3943,
0.4719


 122.2649, 0.3660,
0.4156

 16.8252, 0.4025,
0.4918


 154.2838, 0.3624,
0.4092

 10.1100, 0.4110,
0.5167

 191.4552, 0.3592,
0.4036

 5.4719, 0.4259,
0.5584

234.1633, 0.3564,
0.3987

 2.5267, 0.4161,
0.5839

282.7926, 0.3539,

 0.8900, 0.3680,

0.3944

0.6320

337.7275, 0.3517,
0.3906

0.0000, 0.0000,
0.0000

53.2784, 0.3805,
0.4429

53.2784, 0.3805,
0.4429

52.8912, 0.3924,
0.4632

53.7654, 0.3670,
0.4201

52.5896, 0.4023,
0.4800

54.3507, 0.3525,
0.3957

52.3687, 0.4097,
0.4928


55.0425, 0.3376,
0.3707


52.2196, 0.4145,
0.5013


55.8458, 0.3228,
0.3458


52.1305, 0.4169,
0.5057


56.7655, 0.3084,
0.3218

 52.1086, 0.4175,
0.5067

 57.8059, 0.2947,
0.2990

 58.9715, 0.2820,
0.2777

 59.7111, 0.2752,
0.2662

 59.7401, 0.2753,
0.2662

Harmonies

Analogous

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



53.2784, 0.4258, 0.4121



53.2784, 0.3805, 0.4429



53.2784, 0.3196, 0.4398

Triad

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



53.2784, 0.3805, 0.4429



53.2784, 0.1996, 0.2715



53.2784, 0.3607, 0.2737

Complementary

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



53.2784, 0.3805, 0.4429



17.2532, 0.2253, 0.1834

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.



53.2784, 0.2951, 0.2426



53.2784, 0.3805, 0.4429



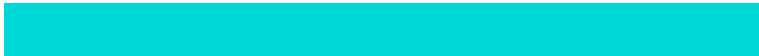
53.2784, 0.2078, 0.2382

Square

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



53.2784, 0.3805, 0.4429



53.2784, 0.2173, 0.3285



53.2784, 0.2406, 0.2296



53.2784, 0.4165, 0.3171

Rectangle

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



53.2784, 0.3805, 0.4429



53.2784, 0.2787, 0.4138



53.2784, 0.2406, 0.2296



53.2784, 0.3387, 0.2616

Sweetspot

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



53.2808, 0.3805, 0.4429



97.8377, 0.3335, 0.3638



23.1365, 0.4398, 0.3294



20.8778, 0.3368, 0.3693



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.



53.2808, 0.3805, 0.4429



93.6648, 0.3923, 0.4629



48.0388, 0.3410, 0.4601



12.4110, 0.3264, 0.3518



33.8892, 0.4175, 0.5067



1.6066, 0.4179, 0.5064

Inverse Universe

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



17.2532, 0.2253, 0.1834



22.4120, 0.2045, 0.1489



20.8161, 0.2680, 0.1985



10.2928, 0.2984, 0.3051



2.6628, 0.1504, 0.0602



0.1280, 0.1518, 0.0610

Previews

White Background



This preview shows how the Yxy color 53.2784, 0.3805, 0.4429 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 53.2784, 0.3805, 0.4429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

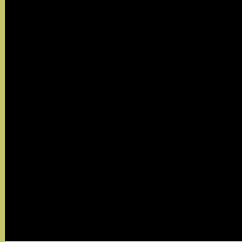
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2784, 0.3805, 0.4429

Background



This preview shows how black text looks on a background with the Yxy color 53.2784, 0.3805, 0.4429.



This preview shows how white text looks on a background with the Yxy color 53.2784, 0.3805, 0.4429.

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

53.2784, 0.3805, 0.4429

Protanopia

53.1162, 0.3979, 0.4343

Deuteranopia

53.0259, 0.4204, 0.4120



Tritanopia

53.0703, 0.3177, 0.3113

Trichromacy



Original Color

53.2784, 0.3805, 0.4429

Protanomaly

53.2951, 0.3917, 0.4372

Deuteranomaly

52.8289, 0.4056, 0.4228

Tritanomaly

52.7481, 0.3416, 0.3586

Monochromacy



Original Color

53.2784, 0.3805, 0.4429

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.7723, 0.3391, 0.3727

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2784, 0.3805, 0.4429 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(197, 198, 105)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 105)  
}
```

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(197, 198, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 105) }
```

Border

The CSS property to change the border of an element to Yxy 53.2784, 0.3805, 0.4429 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(197, 198, 105) }
```

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

```
.border{ border-color:rgb(197, 198, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 198, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 105);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2784, 0.3805, 0.4429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 105) }
```

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

```
.background{ background-color: rgb(197,  
198, 105) }
```

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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