

Converting Colors

$Y_{xy}(52.8900, 0.3981, 0.4782)$

Have a look what the booklet for
Yxy(52.8900, 0.3981, 0.4782)
contains.

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Color

Yxy(52.8911, 0.3981, 0.4782)

Conversions

Conversions Part 1

Format	Color
Hex	C3C746
RGB	195, 199, 70
RGB Percent	76%, 78%, 27%
CMY	0.2354, 0.2196, 0.7255
CMYK	0.02, 0.00, 0.65, 0.22
HSL	62°, 54%, 53%
HSV	62°, 65%, 78%
XYZ	44.0317, 52.8911, 13.6818
YIQ	183.0980, 39.0250, -40.9670

Conversions

Conversions Part 2

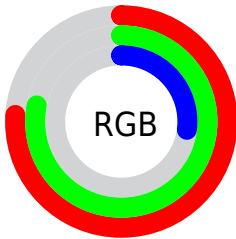
Format	Color
RYB	70, 199, 74
Decimal	12830534
CIELab	77.81, -17.47, 61.57
CIELCh	78, 64.000, 105.845
Yxy	52.8911, 0.3981, 0.4782
Android (android.graphics.Color)	4291020614 (0xFFC3C746)
YUV	183.0980, -55.7573, 10.4381
Hunter-Lab	72.7263, -19.1992, 39.7543

Details

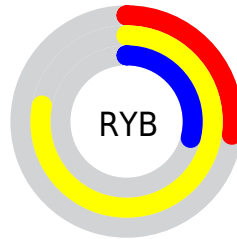
The Yxy color **52.8911, 0.3981, 0.4782** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **9.9609, 0.1905, 0.1238**, and the grayscale version is **47.7064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0715, 0.3867, 0.4529**, and **25.6541, 0.4111, 0.5118** is the 20% darker color. If you saturate the color by 10%, you get **52.6000, 0.4057, 0.4923**, and if you desaturate by 10%, it is **53.2707, 0.3881, 0.4602**.

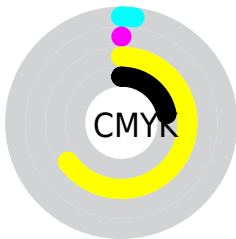
Distribution



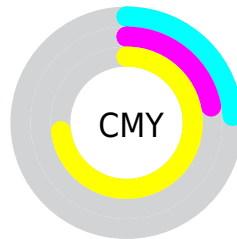
- Red (76%)
- Green (78%)
- Blue (27%)



- Red (27%)
- Yellow (78%)
- Blue (29%)



- Cyan (2%)
- Magenta (0%)
- Yellow (65%)
- Black (22%)





- Cyan (24%)
- Magenta (22%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8911, 0.3981, 0.4782 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 52.8911, 0.3981, 0.4782 by changing the saturation by 10% instead.

 52.8911, 0.3981,
0.4782

 52.8911, 0.3981,
0.4782

397.8672, 0.3616,
0.4068


 37.7158, 0.4045,
0.4938


 94.4441, 0.3867,
0.4536

 25.7622, 0.4110,
0.5123


 121.5906, 0.3819,
0.4440

 16.6458, 0.4166,
0.5337


 153.4964, 0.3775,
0.4356

 9.9823, 0.4229,
0.5628

 190.5457, 0.3736,
0.4283

 5.3872, 0.4153,
0.5847

 233.1231, 0.3701,
0.4219

 2.4762, 0.3932,
0.6068

281.6129, 0.3670,

 0.8647, 0.3137,

0.4163

0.6863

336.3994, 0.3642,
0.4112

0.0000, 0.0000,
0.0000

52.8911, 0.3981,
0.4782

52.8911, 0.3981,
0.4782

52.6000, 0.4057,
0.4923

53.2707, 0.3881,
0.4602

52.3814, 0.4107,
0.5021

53.7389, 0.3762,
0.4389

52.2274, 0.4132,
0.5077

54.3047, 0.3628,
0.4154

52.1626, 0.4139,
0.5096

54.9741, 0.3485,
0.3906

55.7527, 0.3339,
0.3654

■ 56.6454, 0.3195,
0.3407

■ 57.6573, 0.3056,
0.3168

■ 58.7926, 0.2924,
0.2943

■ 60.0558, 0.2801,
0.2734

Harmonies

Analogous

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



52.8911, 0.4591, 0.4310



52.8911, 0.3981, 0.4782



52.8911, 0.3189, 0.4817

Triad

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



52.8911, 0.3981, 0.4782



52.8911, 0.1685, 0.2516



52.8911, 0.3745, 0.2567

Complementary

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



52.8911, 0.3981, 0.4782



9.9609, 0.1905, 0.1238

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.



52.8911, 0.2870, 0.2187



52.8911, 0.3981, 0.4782



52.8911, 0.1785, 0.2115

Square

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



52.8911, 0.3981, 0.4782



52.8911, 0.1892, 0.3268



52.8911, 0.2182, 0.2022



52.8911, 0.4506, 0.3099

Rectangle

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



52.8911, 0.3981, 0.4782



52.8911, 0.2662, 0.4472



52.8911, 0.2182, 0.2022



52.8911, 0.3447, 0.2420

Sweetspot

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



52.8935, 0.3981, 0.4782



96.9775, 0.3404, 0.3767



17.2396, 0.5197, 0.3320



20.6736, 0.3447, 0.3840



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.



52.8935, 0.3981, 0.4782



91.9087, 0.4082, 0.4971



46.2276, 0.3440, 0.5113



12.3995, 0.3260, 0.3519



33.5456, 0.4140, 0.5095



1.5938, 0.4151, 0.5086

Inverse Universe

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



9.9609, 0.1905, 0.1238



11.0921, 0.1675, 0.0865



13.7934, 0.2472, 0.1498



10.3030, 0.2987, 0.3051



2.6844, 0.1511, 0.0606



0.1327, 0.1551, 0.0628

Previews

White Background



This preview shows how the Yxy color 52.8911, 0.3981, 0.4782 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 52.8911, 0.3981, 0.4782 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 52.8911, 0.3981, 0.4782

Background



This preview shows how black text looks on a background with the Yxy color 52.8911, 0.3981, 0.4782.



This preview shows how white text looks on a background with the Yxy color 52.8911, 0.3981, 0.4782.

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

52.8911, 0.3981, 0.4782

Protanopia

53.0044, 0.4211, 0.4637

Deuteranopia

52.7257, 0.4464, 0.4375



Tritanopia

52.6003, 0.3185, 0.3112

Trichromacy



Original Color

52.8911, 0.3981, 0.4782

Protanomaly

52.8698, 0.4130, 0.4685

Deuteranomaly

52.5642, 0.4288, 0.4523

Tritanomaly

52.2580, 0.3528, 0.3762

Monochromacy



Original Color

52.8911, 0.3981, 0.4782

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.9130, 0.3480, 0.3906

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8911, 0.3981, 0.4782 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, 70)` looks like.

```
.text, #text, p{  
    color:rgb(195, 199, 70)  
}
```

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, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 199, 70) }
```

Border

The CSS property to change the border of an element to Yxy 52.8911, 0.3981, 0.4782 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, 70) }
```

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

```
.border{ border-color:rgb(195, 199, 70) }
```

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, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 199, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 199, 70);  
box-shadow:4px 4px 4px 4px rgb(195, 199,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8911, 0.3981, 0.4782 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, 70) }
```

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

```
.background{ background-color: rgb(195,  
199, 70) }
```

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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