

Converting Colors

Yxy(52.4015, 0.3988, 0.4848)

Have a look what the booklet for
Yxy(52.4015, 0.3988, 0.4848)
contains.

Yxy(52.4122, 0.3986, 0.4852)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.4122, 0.3986, 0.4852)

Conversions

Conversions Part 1

Format	Color
Hex	C0C73F
RGB	192, 199, 63
RGB Percent	75%, 78%, 25%
CMY	0.2471, 0.2196, 0.7529
CMYK	0.04, 0.00, 0.68, 0.22
HSL	63°, 55%, 51%
HSV	63°, 68%, 78%
XYZ	43.0575, 52.4122, 12.5521
YIQ	181.4030, 39.4840, -43.7800

Conversions

Conversions Part 2

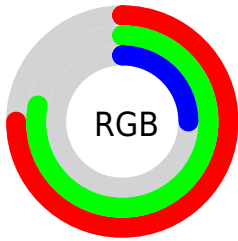
Format	Color
RYB	63, 199, 70
Decimal	12633919
CIELab	77.53, -19.12, 63.91
CIElCh	78, 66.715, 106.658
Yxy	52.4122, 0.3986, 0.4852
Android (android.graphics.Color)	4290823999 (0xFFC0C73F)
YUV	181.4030, -58.3727, 9.2936
Hunter-Lab	72.3963, -20.5310, 40.3976

Details

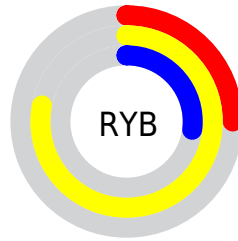
The Yxy color **52.4122, 0.3986, 0.4852** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **8.9846, 0.1860, 0.1143**, and the grayscale version is **46.7462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3372, 0.3880, 0.4594**, and **25.4017, 0.4075, 0.5146** is the 20% darker color. If you saturate the color by 10%, you get **52.0972, 0.4049, 0.4983**, and if you desaturate by 10%, it is **52.8133, 0.3898, 0.4680**.

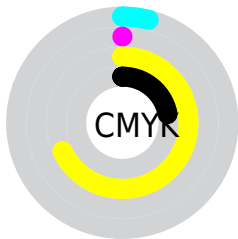
Distribution



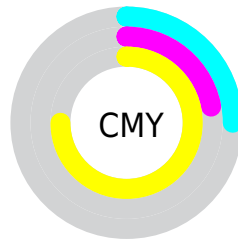
- Red (75%)
- Green (78%)
- Blue (25%)



- Red (25%)
- Yellow (78%)
- Blue (27%)



- Cyan (4%)
- Magenta (0%)
- Yellow (68%)
- Black (22%)



- Cyan (25%)
- Magenta (22%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4122, 0.3986, 0.4852 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 52.4122, 0.3986, 0.4852 by changing the saturation by 10% instead.


 52.4122, 0.3986,
0.4852

 52.4122, 0.3986,
0.4852


396.0259, 0.3625,
0.4104


 37.3337, 0.4046,
0.5014


 93.7389, 0.3876,
0.4596


 25.4660, 0.4104,
0.5205


 120.7559, 0.3828,
0.4494

 16.4246, 0.4149,
0.5424


 152.5211, 0.3785,
0.4407

 9.8251, 0.4217,
0.5751

 189.4191, 0.3746,
0.4330

 5.2831, 0.4077,
0.5923

 231.8342, 0.3711,
0.4263

 2.4143, 0.3830,
0.6170

280.1507, 0.3679,

 0.8332, 0.2807,

0.4204

0.7193

334.7532, 0.3651,
0.4151

0.0000, 0.0000,
0.0000

52.4122, 0.3986,
0.4852

52.4122, 0.3986,
0.4852

52.0972, 0.4049,
0.4983

52.8133, 0.3898,
0.4680

51.8520, 0.4087,
0.5070

53.3012, 0.3788,
0.4475

51.6648, 0.4101,
0.5117

53.8850, 0.3662,
0.4243

51.6357, 0.4103,
0.5124

54.5710, 0.3526,
0.3996

55.3648, 0.3384,
0.3744

■ 56.2717, 0.3243,
0.3493

■ 57.2966, 0.3105,
0.3250

■ 58.4441, 0.2973,
0.3021

■ 59.7185, 0.2849,
0.2807

Harmonies

Analogous

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



52.4122, 0.4633, 0.4356



52.4122, 0.3986, 0.4852



52.4122, 0.3161, 0.4886

Triad

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



52.4122, 0.3986, 0.4852



52.4122, 0.1631, 0.2464



52.4122, 0.3796, 0.2552

Complementary

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



52.4122, 0.3986, 0.4852



8.9846, 0.1860, 0.1143

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.



52.4122, 0.2880, 0.2155



52.4122, 0.3986, 0.4852



52.4122, 0.1744, 0.2062

Square

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



52.4122, 0.3986, 0.4852



52.4122, 0.1832, 0.3236



52.4122, 0.2160, 0.1978



52.4122, 0.4585, 0.3102

Rectangle

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



52.4122, 0.3986, 0.4852



52.4122, 0.2616, 0.4513



52.4122, 0.2160, 0.1978



52.4122, 0.3484, 0.2398

Sweetspot

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



52.4146, 0.3986, 0.4852



96.6439, 0.3412, 0.3793



16.8601, 0.5321, 0.3369



20.5990, 0.3453, 0.3865



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.



52.4146, 0.3986, 0.4852



90.9872, 0.4071, 0.5030



45.5105, 0.3406, 0.5225



12.3881, 0.3257, 0.3519



33.2122, 0.4104, 0.5123



1.5813, 0.4124, 0.5107

Inverse Universe

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



8.9846, 0.1860, 0.1143



10.0270, 0.1640, 0.0795



13.0685, 0.2477, 0.1436



10.3132, 0.2991, 0.3052



2.7059, 0.1518, 0.0610



0.1374, 0.1583, 0.0646

Previews

White Background



This preview shows how the Yxy color 52.4122, 0.3986, 0.4852 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 Xy color 52.4122, 0.3986, 0.4852 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 52.4122, 0.3986, 0.4852

Background



This preview shows how black text looks on a background with the Yxy color 52.4122, 0.3986, 0.4852.



This preview shows how white text looks on a background with the Yxy color 52.4122, 0.3986, 0.4852.

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

52.4122, 0.3986, 0.4852

Protanopia

52.3323, 0.4243, 0.4682

Deuteranopia

52.2363, 0.4505, 0.4407



Tritanopia

52.3140, 0.3169, 0.3111

Trichromacy



Original Color

52.4122, 0.3986, 0.4852

Protanomaly

52.4998, 0.4144, 0.4746

Deuteranomaly

51.9013, 0.4318, 0.4562

Tritanomaly

51.7753, 0.3518, 0.3792

Monochromacy



Original Color

52.4122, 0.3986, 0.4852

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

48.1157, 0.3496, 0.3951

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4122, 0.3986, 0.4852 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(192, 199, 63)` looks like.

```
.text, #text, p{  
    color:rgb(192, 199, 63)  
}
```

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(192, 199, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 199, 63) }
```

Border

The CSS property to change the border of an element to Yxy 52.4122, 0.3986, 0.4852 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(192, 199, 63) }
```

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

```
.border{ border-color:rgb(192, 199, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 199, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 199, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 199, 63);  
box-shadow:4px 4px 4px 4px rgb(192, 199,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4122, 0.3986, 0.4852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 199, 63) }
```

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

```
.background{ background-color: rgb(192,  
199, 63) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor