

Converting Colors

Yxy(51.9197, 0.4093, 0.4935)

Have a look what the booklet for
Yxy(51.9197, 0.4093, 0.4935)
contains.

| | |
|---|----|
| Yxy(51.7241, 0.4095, 0.4932) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(51.7241, 0.4095, 0.4932)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C3C52D |
| RGB | 195, 197, 45 |
| RGB Percent | 76%, 77%, 18% |
| CMY | 0.2353, 0.2274, 0.8234 |
| CMYK | 0.01, 0.00, 0.77, 0.23 |
| HSL | 61°, 63%, 47% |
| HSV | 61°, 77%, 77% |
| XYZ | 42.9461, 51.7241, 10.2043 |
| YIQ | 179.0740, 47.6000, -47.6960 |

Conversions

Conversions Part 2

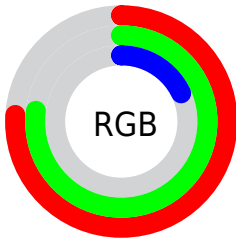
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 45, 197, 47 |
| Decimal | 12829997 |
| CIELab | 77.12, -17.68, 69.70 |
| CIELCh | 77, 71.907, 104.237 |
| Yxy | 51.7241, 0.4095, 0.4932 |
| Android (android.graphics.Color) | 4291020077 (0xFFC3C52D) |
| YUV | 179.0740, -66.0985, 13.9671 |
| Hunter-Lab | 71.9195, -19.2693, 41.9313 |

Details

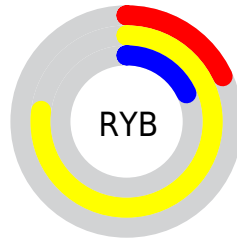
The Yxy color **51.7241, 0.4095, 0.4932** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted yellow. A complement of this color would be **6.5147, 0.1690, 0.0903**, and the grayscale version is **45.4637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5100, 0.3980, 0.4668**, and **25.2649, 0.4110, 0.5118** is the 20% darker color. If you saturate the color by 10%, you get **51.5739, 0.4142, 0.5017**, and if you desaturate by 10%, it is **51.9499, 0.4022, 0.4804**.

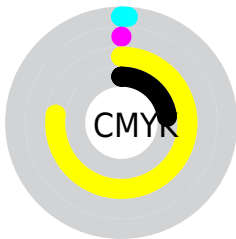
Distribution



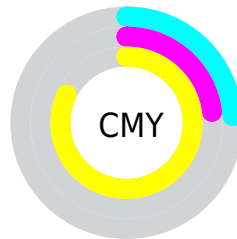
- Red (76%)
- Green (77%)
- Blue (18%)



- Red (18%)
- Yellow (77%)
- Blue (18%)



- Cyan (1%)
- Magenta (0%)
- Yellow (77%)
- Black (23%)




- Cyan (24%)
- Magenta (23%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7241, 0.4095, 0.4932 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 51.7241, 0.4095, 0.4932 by changing the saturation by 10% instead.

 51.7241, 0.4095,
0.4932

 51.7241, 0.4095,
0.4932


393.3706, 0.3695,
0.4161


 36.7852, 0.4157,
0.5091


 92.7242, 0.3976,
0.4674


 25.0412, 0.4214,
0.5273

 119.5542, 0.3923,
0.4569


 16.1078, 0.4252,
0.5474


 151.1167, 0.3875,
0.4479

 9.6004, 0.4275,
0.5725

 187.7961, 0.3832,
0.4399

 5.1349, 0.4132,
0.5868

 229.9768, 0.3792,
0.4329

 2.3266, 0.3899,
0.6101

 278.0432, 0.3757,

 0.7877, 0.2870,

0.4266

0.7130

332.3796, 0.3724,
0.4211

0.0000, 0.0000,
0.0000

51.7241, 0.4095,
0.4932

51.7241, 0.4095,
0.4932

51.5739, 0.4142,
0.5017

51.9499, 0.4022,
0.4804

51.4801, 0.4166,
0.5061

52.2529, 0.3924,
0.4636

51.4580, 0.4170,
0.5071

52.6429, 0.3805,
0.4434

53.1265, 0.3671,
0.4206

53.7097, 0.3527,
0.3962

■ 54.3979, 0.3378,
0.3712

■ 55.1963, 0.3230,
0.3463

■ 56.1095, 0.3087,
0.3222

■ 57.1421, 0.2951,
0.2994

Harmonies

Analogous

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



51.7241, 0.4773, 0.4354



51.7241, 0.4095, 0.4932



51.7241, 0.3220, 0.5056

Triad

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



51.7241, 0.4095, 0.4932



51.7241, 0.1539, 0.2444



51.7241, 0.3765, 0.2458

Complementary

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



51.7241, 0.4095, 0.4932



6.5147, 0.1690, 0.0903

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.



51.7241, 0.2783, 0.2056



51.7241, 0.4095, 0.4932



51.7241, 0.1634, 0.1996

Square

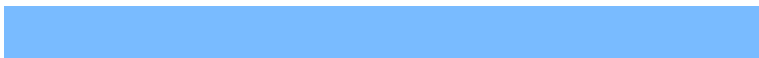
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.7241, 0.4095, 0.4932



51.7241, 0.1772, 0.3305



51.7241, 0.2044, 0.1889



51.7241, 0.4651, 0.3027

Rectangle

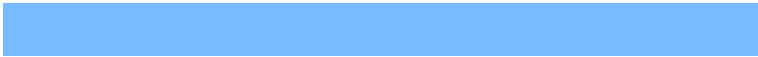
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.7241, 0.4095, 0.4932



51.7241, 0.2633, 0.4696



51.7241, 0.2044, 0.1889



51.7241, 0.3426, 0.2301

Sweetspot

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



51.7265, 0.4095, 0.4932



96.6351, 0.3471, 0.3867



13.9389, 0.5782, 0.3298



20.5917, 0.3525, 0.3959



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.



51.7265, 0.4095, 0.4932



92.2350, 0.4161, 0.5052



44.1901, 0.3453, 0.5386



12.4096, 0.3263, 0.3518



33.8475, 0.4171, 0.5071



1.6050, 0.4176, 0.5067

Inverse Universe

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



6.5147, 0.1690, 0.0903



7.8069, 0.1528, 0.0642



9.9756, 0.2288, 0.1207



10.2940, 0.2985, 0.3051



2.6654, 0.1505, 0.0603



0.1286, 0.1522, 0.0612

Previews

White Background



This preview shows how the Yxy color 51.7241, 0.4095, 0.4932 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 51.7241, 0.4095, 0.4932 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 51.7241, 0.4095, 0.4932

Background



This preview shows how black text looks on a background with the Yxy color 51.7241, 0.4095, 0.4932.



This preview shows how white text looks on a background with the Yxy color 51.7241, 0.4095, 0.4932.

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

51.7241, 0.4095, 0.4932

Protanopia

51.7322, 0.4320, 0.4775

Deuteranopia

51.6555, 0.4589, 0.4493



Tritanopia

51.7681, 0.3219, 0.3124

Trichromacy



Original Color

51.7241, 0.4095, 0.4932

Protanomaly

51.5872, 0.4238, 0.4830

Deuteranomaly

51.4589, 0.4410, 0.4652

Tritanomaly

51.0447, 0.3623, 0.3876

Monochromacy



Original Color

51.7241, 0.4095, 0.4932

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

47.0438, 0.3566, 0.4033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7241, 0.4095, 0.4932 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, 197, 45)` looks like.

```
.text, #text, p{  
    color:rgb(195, 197, 45)  
}
```

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, 197, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 197, 45) }
```

Border

The CSS property to change the border of an element to Yxy 51.7241, 0.4095, 0.4932 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, 197, 45) }
```

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

```
.border{ border-color:rgb(195, 197, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 197, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 197, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 197, 45);  
box-shadow:4px 4px 4px 4px rgb(195, 197,  
45) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7241, 0.4095, 0.4932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 197, 45) }
```

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

```
.background{ background-color: rgb(195,  
197, 45) }
```

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