

Converting Colors

Yxy(51.9246, 0.4236, 0.5226)

Have a look what the booklet for
Yxy(51.9246, 0.4236, 0.5226)
contains.

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Color

Yxy(52.3162, 0.4149, 0.5087)

Conversions

Conversions Part 1

Format	Color
Hex	C2C700
RGB	194, 199, 0
RGB Percent	76%, 78%, 0%
CMY	0.2393, 0.2196, 0.9988
CMYK	0.03, 0.00, 1.00, 0.22
HSL	62°, 100%, 39%
HSV	62°, 100%, 78%
XYZ	42.6695, 52.3162, 7.8572
YIQ	174.8190, 60.8990, -62.9490

Conversions

Conversions Part 2

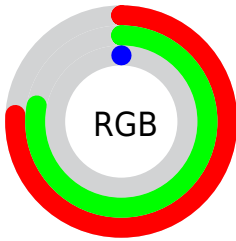
Format	Color
RYB	0, 199, 5
Decimal	12764928
CIELab	77.47, -20.03, 77.89
CIELCh	77, 80.424, 104.425
Yxy	52.3162, 0.4149, 0.5087
Android (android.graphics.Color)	4290955008 (0xFFC2C700)
YUV	174.8190, -86.1858, 16.8217
Hunter-Lab	72.3299, -21.2751, 44.1903

Details

The Yxy color **52.3162, 0.4149, 0.5087** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **4.1650, 0.1508, 0.0605**, and the grayscale version is **43.2201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2154, 0.4042, 0.4818**, and **25.4850, 0.4087, 0.5137** is the 20% darker color. If you saturate the color by 10%, you get **52.3170, 0.4149, 0.5088**, and if you desaturate by 10%, it is **52.4359, 0.4132, 0.5047**.

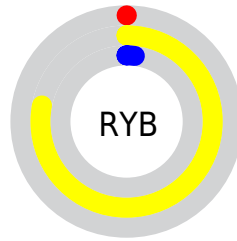
Distribution



Red (76%)

Green (78%)

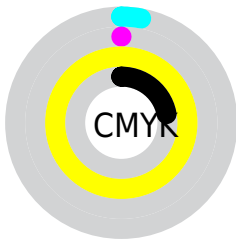
Blue (0%)



Red (0%)

Yellow (78%)

Blue (2%)

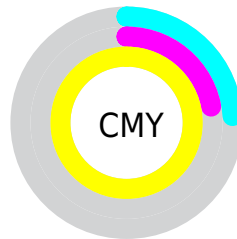


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (24%)


Magenta (22%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3162, 0.4149, 0.5087 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 52.3162, 0.4149, 0.5087 by changing the saturation by 10% instead.

 52.3162, 0.4149,
0.5087


 52.3162, 0.4149,
0.5087


395.6561, 0.3751,
0.4262

 37.2572, 0.4200,
0.5248


 93.5974, 0.4039,
0.4817


 25.4067, 0.4238,
0.5425


 120.5884, 0.3987,
0.4706

 16.3803, 0.4266,
0.5639


 152.3254, 0.3939,
0.4609

 9.7937, 0.4198,
0.5802

 189.1930, 0.3894,
0.4522

 5.2624, 0.4037,
0.5963

 231.5754, 0.3853,
0.4446

 2.4020, 0.3777,
0.6223

 279.8572, 0.3816,

 0.8269, 0.2642,

0.4378

0.7358

334.4226, 0.3782,
0.4317

■ 0.0000, 0.0000,
0.0000

■ 52.3162, 0.4149,
0.5087

■ 52.3162, 0.4149,
0.5087

■ 52.3170, 0.4149,
0.5088

■ 52.4359, 0.4132,
0.5047

■ 52.6056, 0.4094,
0.4972

■ 52.8451, 0.4029,
0.4853

■ 53.1641, 0.3940,
0.4693

■ 53.5703, 0.3829,
0.4497

■ 54.0707, 0.3700,
0.4273

■ 54.6718, 0.3560,
0.4031

■ 55.3791, 0.3415,
0.3781

■ 56.1980, 0.3268,
0.3530

Harmonies

Analogous

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



52.3162, 0.4910, 0.4417



52.3162, 0.4149, 0.5087



52.3162, 0.3193, 0.5276

Triad

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



52.3162, 0.4149, 0.5087



52.3162, 0.1402, 0.2340



52.3162, 0.3837, 0.2382

Complementary

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



52.3162, 0.4149, 0.5087



4.1650, 0.1508, 0.0605

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.



52.3162, 0.2746, 0.1951



52.3162, 0.4149, 0.5087



52.3162, 0.1509, 0.1872

Square

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



52.3162, 0.4149, 0.5087



52.3162, 0.1638, 0.3283



52.3162, 0.1945, 0.1769



52.3162, 0.4827, 0.2988

Rectangle

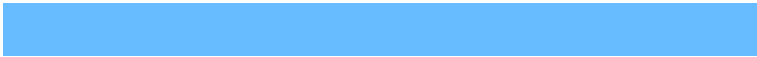
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.3162, 0.4149, 0.5087



52.3162, 0.2556, 0.4879



52.3162, 0.1945, 0.1769



52.3162, 0.3458, 0.2214

Sweetspot

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



52.3186, 0.4149, 0.5087



95.6493, 0.3569, 0.4046



12.2225, 0.6387, 0.3308



20.3728, 0.3630, 0.4150



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.



52.3186, 0.4149, 0.5087



91.5769, 0.4148, 0.5088



43.3572, 0.3341, 0.5728



12.4028, 0.3261, 0.3519



33.6437, 0.4150, 0.5087



1.5975, 0.4159, 0.5079

Inverse Universe

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



4.1650, 0.1508, 0.0605



7.2616, 0.1505, 0.0603



7.0123, 0.2053, 0.0905



10.3001, 0.2987, 0.3051



2.6782, 0.1509, 0.0605



0.1314, 0.1541, 0.0623

Previews

White Background



This preview shows how the Yxy color 52.3162, 0.4149, 0.5087 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 52.3162, 0.4149, 0.5087 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 52.3162, 0.4149, 0.5087

Background



This preview shows how black text looks on a background with the Yxy color 52.3162, 0.4149, 0.5087.



This preview shows how white text looks on a background with the Yxy color 52.3162, 0.4149, 0.5087.

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

52.3162, 0.4149, 0.5087

Protanopia

52.2982, 0.4405, 0.4884

Deuteranopia

51.8474, 0.4678, 0.4572



Tritanopia

52.0868, 0.3202, 0.3124

Trichromacy



Original Color

52.3162, 0.4149, 0.5087

Protanomaly

52.4401, 0.4308, 0.4962

Deuteranomaly

51.8642, 0.4489, 0.4766

Tritanomaly

50.9158, 0.3729, 0.4074

Monochromacy



Original Color

52.3162, 0.4149, 0.5087

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

45.3738, 0.3694, 0.4264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3162, 0.4149, 0.5087 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(194, 199, 0)` looks like.

```
.text, #text, p{  
    color:rgb(194, 199, 0)  
}
```

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(194, 199, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 199, 0) }
```

Border

The CSS property to change the border of an element to Yxy 52.3162, 0.4149, 0.5087 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(194, 199, 0) }
```

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

```
.border{ border-color:rgb(194, 199, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 199, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 199, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 199, 0);  
box-shadow:4px 4px 4px 4px rgb(194, 199,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3162, 0.4149, 0.5087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 199, 0) }
```

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

```
.background{ background-color: rgb(194,  
199, 0) }
```

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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