

Converting Colors

Yxy(51.3429, 0.4254, 0.5005)

Have a look what the booklet for
Yxy(51.3429, 0.4254, 0.5005)
contains.

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Color

Yxy(51.4477, 0.4246, 0.5010)

Conversions

Conversions Part 1

Format	Color
Hex	C9C300
RGB	201, 195, 0
RGB Percent	79%, 76%, 0%
CMY	0.2118, 0.2353, 0.9988
CMYK	0.00, 0.03, 1.00, 0.21
HSL	58°, 100%, 39%
HSV	58°, 100%, 79%
XYZ	43.6022, 51.4477, 7.6401
YIQ	174.5640, 66.1710, -59.3730

Conversions

Conversions Part 2

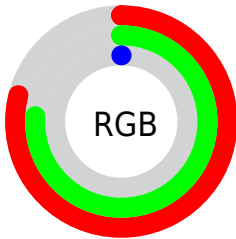
Format	Color
R_{YB}	6, 201, 0
Decimal	13222656
CIE Lab	76.95, -15.02, 77.77
CIE LCh	77, 79.204, 100.934
Yxy	51.4477, 0.4246, 0.5010
Android (android.graphics.Color)	4291412736 (0xFFC9C300)
YUV	174.5640, -86.0601, 23.1844
Hunter-Lab	71.7271, -17.0139, 43.8936

Details

The Yxy color **51.4477, 0.4246, 0.5010** 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 **4.3549, 0.1505, 0.0618**, and the grayscale version is **43.0782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8789, 0.4072, 0.4787**, and **25.0968, 0.4193, 0.5053** is the 20% darker color. If you saturate the color by 10%, you get **51.4455, 0.4246, 0.5010**, and if you desaturate by 10%, it is **51.7706, 0.4218, 0.4978**.

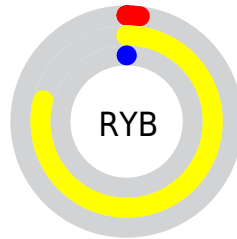
Distribution



Red (79%)

Green (76%)

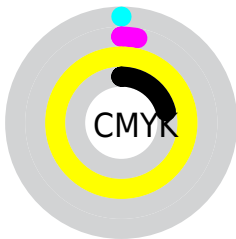
Blue (0%)



Red (2%)

Yellow (79%)

Blue (0%)

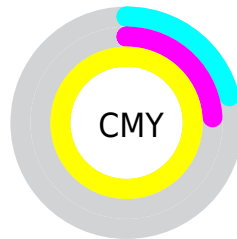


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (21%)



Cyan (21%)


Magenta (24%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4477, 0.4246, 0.5010 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 51.4477, 0.4246, 0.5010 by changing the saturation by 10% instead.


 51.4477, 0.4246,
0.5010


 51.4477, 0.4246,
0.5010


392.3007, 0.3797,
0.4232


 36.5650, 0.4309,
0.5157


 92.3162, 0.4118,
0.4759

 24.8709, 0.4362,
0.5316


 119.0708, 0.4059,
0.4655


 15.9809, 0.4414,
0.5509


 150.5516, 0.4004,
0.4563

 9.5106, 0.4366,
0.5634

 187.1428, 0.3955,
0.4481

 5.0757, 0.4244,
0.5756

 229.2289, 0.3910,
0.4408

 2.2918, 0.4046,
0.5954

 277.1944, 0.3869,

 0.7693, 0.3215,

0.4343

0.6785

331.4235, 0.3831,
0.4285

■ 0.0000, 0.0000,
0.0000

■ 51.4477, 0.4246,
0.5010

■ 51.4477, 0.4246,
0.5010

■ 51.4455, 0.4246,
0.5010

■ 51.7706, 0.4218,
0.4978

■ 52.1455, 0.4168,
0.4910

■ 52.5928, 0.4092,
0.4800

■ 53.1221, 0.3991,
0.4647

■ 53.7416, 0.3868,
0.4459

■ 54.4585, 0.3729,
0.4243

■ 55.2791, 0.3579,
0.4009

■ 56.2094, 0.3426,
0.3766

■ 57.2548, 0.3273,
0.3523

Harmonies

Analogous

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



51.4477, 0.4961, 0.4326



51.4477, 0.4246, 0.5010



51.4477, 0.3309, 0.5278

Triad

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



51.4477, 0.4246, 0.5010



51.4477, 0.1423, 0.2432



51.4477, 0.3700, 0.2328

Complementary

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



51.4477, 0.4246, 0.5010



4.3549, 0.1505, 0.0618

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.



51.4477, 0.2639, 0.1927



51.4477, 0.4246, 0.5010



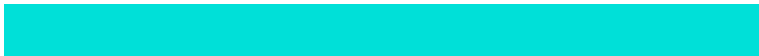
51.4477, 0.1491, 0.1917

Square

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



51.4477, 0.4246, 0.5010



51.4477, 0.1702, 0.3422



51.4477, 0.1886, 0.1777



51.4477, 0.4720, 0.2917

Rectangle

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



51.4477, 0.4246, 0.5010



51.4477, 0.2669, 0.4961



51.4477, 0.1886, 0.1777



51.4477, 0.3326, 0.2169

Sweetspot

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



51.4501, 0.4246, 0.5010



94.5675, 0.3588, 0.4022



12.4381, 0.6367, 0.3282



20.1089, 0.3653, 0.4123



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.



51.4501, 0.4246, 0.5010



88.0236, 0.4247, 0.5010



44.9166, 0.3409, 0.5674



12.3606, 0.3266, 0.3512



32.3751, 0.4245, 0.5011



1.5504, 0.4234, 0.5020

Inverse Universe

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



4.3549, 0.1505, 0.0618



7.3851, 0.1504, 0.0612



6.6003, 0.1956, 0.0852



10.3373, 0.2983, 0.3058



2.7572, 0.1506, 0.0622



0.1487, 0.1527, 0.0698

Previews

White Background



This preview shows how the Yxy color 51.4477, 0.4246, 0.5010 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 51.4477, 0.4246, 0.5010 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 51.4477, 0.4246, 0.5010

Background



This preview shows how black text looks on a background with the Yxy color 51.4477, 0.4246, 0.5010.



This preview shows how white text looks on a background with the Yxy color 51.4477, 0.4246, 0.5010.

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

51.4477, 0.4246, 0.5010

Protanopia

51.1231, 0.4407, 0.4883

Deuteranopia

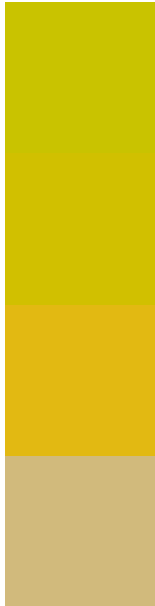
51.2516, 0.4687, 0.4578



Tritanopia

51.1340, 0.3289, 0.3125

Trichromacy



Original Color

51.4477, 0.4246, 0.5010

Protanomaly

51.2546, 0.4344, 0.4932

Deuteranomaly

50.9103, 0.4539, 0.4733

Tritanomaly

50.1284, 0.3834, 0.4047

Monochromacy



Original Color

51.4477, 0.4246, 0.5010

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

44.7939, 0.3722, 0.4235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4477, 0.4246, 0.5010 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(201, 195, 0)` looks like.

```
.text, #text, p{  
    color:rgb(201, 195, 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(201, 195, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 195, 0) }
```

Border

The CSS property to change the border of an element to Yxy 51.4477, 0.4246, 0.5010 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(201, 195, 0) }
```

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

```
.border{ border-color:rgb(201, 195, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 195, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 195, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 195, 0);  
box-shadow:4px 4px 4px 4px rgb(201, 195,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4477, 0.4246, 0.5010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 195, 0) }
```

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

```
.background{ background-color: rgb(201,  
195, 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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