

Converting Colors

Yxy(51.4327, 0.4342, 0.4935)

Have a look what the booklet for
Yxy(51.4327, 0.4342, 0.4935)
contains.

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Color

Yxy(51.2546, 0.4344, 0.4932)

Conversions

Conversions Part 1

Format	Color
Hex	D1C000
RGB	209, 192, 0
RGB Percent	82%, 75%, 0%
CMY	0.1804, 0.2470, 0.9985
CMYK	0.00, 0.08, 1.00, 0.18
HSL	55°, 100%, 41%
HSV	55°, 100%, 82%
XYZ	45.1440, 51.2546, 7.5240
YIQ	175.1950, 71.7640, -56.1080

Conversions

Conversions Part 2

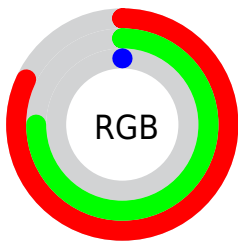
Format	Color
R _Y B	19, 209, 0
Decimal	13746176
CIE Lab	76.83, -10.03, 77.99
CIE LCh	77, 78.628, 97.328
Yxy	51.2546, 0.4344, 0.4932
Android (android.graphics.Color)	4291936256 (0xFFD1C000)
YUV	175.1950, -86.3711, 29.6470
Hunter-Lab	71.5923, -12.7298, 43.8835

Details

The Yxy color **51.2546, 0.4344, 0.4932** 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 **5.0176, 0.1514, 0.0648**, and the grayscale version is **43.4278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0193, 0.4090, 0.4767**, and **24.9493, 0.4325, 0.4948** is the 20% darker color. If you saturate the color by 10%, you get **51.2427, 0.4345, 0.4932**, and if you desaturate by 10%, it is **52.0630, 0.4304, 0.4908**.

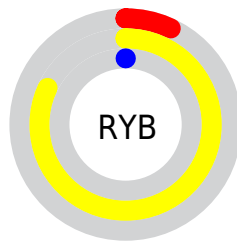
Distribution



Red (82%)

Green (75%)

Blue (0%)



Red (7%)

Yellow (82%)

Blue (0%)

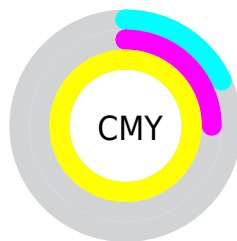


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (18%)



Cyan (18%)


Magenta (25%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2546, 0.4344, 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 51.2546, 0.4344, 0.4932 by changing the saturation by 10% instead.


 51.2546, 0.4344,
0.4932

 51.2546, 0.4344,
0.4932


391.5522, 0.3845,
0.4204


 36.4113, 0.4419,
0.5065


 92.0310, 0.4198,
0.4701


 24.7520, 0.4487,
0.5204


 118.7329, 0.4132,
0.4604


 15.8924, 0.4561,
0.5374


 150.1564, 0.4072,
0.4517

 9.4480, 0.4537,
0.5463

 186.6859, 0.4017,
0.4440

 5.0346, 0.4456,
0.5544

 228.7058, 0.3968,
0.4371

 2.2675, 0.4326,
0.5674

 276.6006, 0.3923,

 0.7565, 0.3853,

0.4309

0.6147

330.7546, 0.3882,
0.4254

■ 0.0000, 0.0000,
0.0000

■ 51.2546, 0.4344,
0.4932

■ 51.2546, 0.4344,
0.4932

■ 51.2427, 0.4345,
0.4932

■ 52.0630, 0.4304,
0.4908

■ 52.9365, 0.4240,
0.4846

■ 53.8967, 0.4149,
0.4740

■ 54.9544, 0.4034,
0.4592

■ 56.1184, 0.3898,
0.4409

■ 57.3968, 0.3748,
0.4200

■ 58.7966, 0.3590,
0.3975

■ 60.3243, 0.3431,
0.3742

■ 61.9860, 0.3274,
0.3511

Harmonies

Analogous

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



51.2546, 0.5011, 0.4235



51.2546, 0.4344, 0.4932



51.2546, 0.3426, 0.5274

Triad

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



51.2546, 0.4344, 0.4932



51.2546, 0.1445, 0.2531



51.2546, 0.3562, 0.2273

Complementary

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



51.2546, 0.4344, 0.4932



5.0176, 0.1514, 0.0648

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.



51.2546, 0.2533, 0.1901



51.2546, 0.4344, 0.4932



51.2546, 0.1474, 0.1964

Square

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



51.2546, 0.4344, 0.4932



51.2546, 0.1770, 0.3568



51.2546, 0.1826, 0.1784



51.2546, 0.4609, 0.2842

Rectangle

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



51.2546, 0.4344, 0.4932



51.2546, 0.2784, 0.5039



51.2546, 0.1826, 0.1784



51.2546, 0.3194, 0.2123

Sweetspot

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



51.2570, 0.4344, 0.4932



92.1048, 0.3599, 0.3987



13.6051, 0.6316, 0.3254



19.5096, 0.3666, 0.4084



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.



51.2570, 0.4344, 0.4932



80.2420, 0.4346, 0.4931



49.7399, 0.3482, 0.5616



13.6260, 0.3268, 0.3501



31.6669, 0.4342, 0.4934



1.8204, 0.4312, 0.4958

Inverse Universe

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



5.0176, 0.1514, 0.0648



7.7476, 0.1511, 0.0639



6.6519, 0.1866, 0.0802



11.5701, 0.2982, 0.3069



3.1445, 0.1516, 0.0658



0.2308, 0.1565, 0.0835

Previews

White Background



This preview shows how the Yxy color 51.2546, 0.4344, 0.4932 looks on a white background.

Color Contrast Check

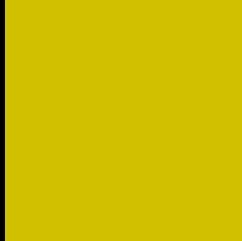
Large Text (above 18pt) WCAG AA × Fail

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 51.2546, 0.4344, 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 51.2546, 0.4344, 0.4932

Background



This preview shows how black text looks on a background with the Yxy color 51.2546, 0.4344, 0.4932.

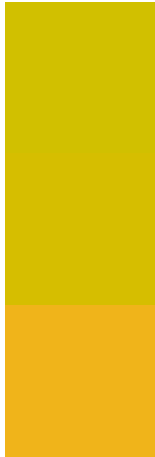


This preview shows how white text looks on a background with the Yxy color 51.2546, 0.4344, 0.4932.

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

51.2546, 0.4344, 0.4932

Protanopia

51.1231, 0.4407, 0.4883

Deuteranopia

51.2424, 0.4691, 0.4584



Tritanopia

51.0187, 0.3388, 0.3129

Trichromacy



Original Color

51.2546, 0.4344, 0.4932

Protanomaly

51.2587, 0.4380, 0.4904

Deuteranomaly

50.9795, 0.4576, 0.4708

Tritanomaly

50.0238, 0.3939, 0.4016

Monochromacy



Original Color

51.2546, 0.4344, 0.4932

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

44.7824, 0.3747, 0.4201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2546, 0.4344, 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(209, 192, 0)` looks like.

```
.text, #text, p{  
    color:rgb(209, 192, 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(209, 192, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 192, 0) }
```

Border

The CSS property to change the border of an element to Yxy 51.2546, 0.4344, 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(209, 192, 0) }
```

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

```
.border{ border-color:rgb(209, 192, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 192, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 192, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 192, 0);  
box-shadow:4px 4px 4px 4px rgb(209, 192,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2546, 0.4344, 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(209, 192, 0) }
```

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

```
.background{ background-color: rgb(209,  
192, 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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