

Converting Colors

Yxy(53.4470, 0.4026, 0.5185)

Have a look what the booklet for
Yxy(53.4470, 0.4026, 0.5185)
contains.

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Color

Yxy(53.5000, 0.4030, 0.5182)

Conversions

Conversions Part 1

Format	Color
Hex	B9CC00
RGB	185, 204, 0
RGB Percent	73%, 80%, 0%
CMY	0.2744, 0.2000, 0.9997
CMYK	0.09, 0.00, 1.00, 0.20
HSL	66°, 100%, 40%
HSV	66°, 100%, 80%
XYZ	41.6065, 53.5000, 8.1355
YIQ	175.0630, 54.1600, -67.4720

Conversions

Conversions Part 2

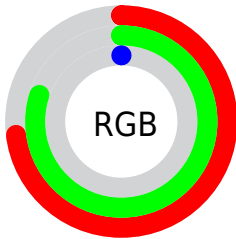
Format	Color
RYB	0, 204, 19
Decimal	12176384
CIELab	78.17, -26.26, 78.12
CIELCh	78, 82.418, 108.577
Yxy	53.5000, 0.4030, 0.5182
Android (android.graphics.Color)	4290366464 (0xFFB9CC00)
YUV	175.0630, -86.3061, 8.7147
Hunter-Lab	73.1437, -26.4648, 44.6060

Details

The Yxy color **53.5000, 0.4030, 0.5182** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4.5004, 0.1528, 0.0616**, and the grayscale version is **43.3480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5726, 0.3975, 0.4853**, and **26.3247, 0.3930, 0.5262** is the 20% darker color. If you saturate the color by 10%, you get **53.5012, 0.4030, 0.5182**, and if you desaturate by 10%, it is **53.7921, 0.4025, 0.5131**.

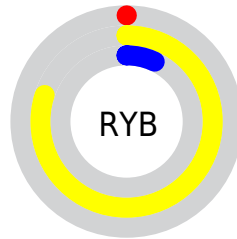
Distribution



Red (73%)

Green (80%)

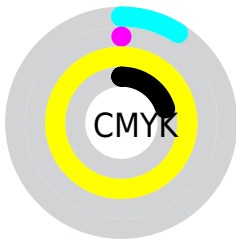
Blue (0%)



Red (0%)

Yellow (80%)

Blue (7%)

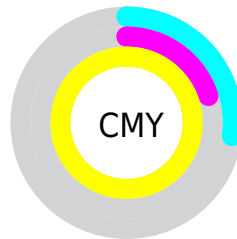


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (27%)


Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5000, 0.4030, 0.5182 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 53.5000, 0.4030, 0.5182 by changing the saturation by 10% instead.


 53.5000, 0.4030,
0.5182


 53.5000, 0.4030,
0.5182


400.2005, 0.3694,
0.4299


 38.2021, 0.4066,
0.5360


 95.3397, 0.3942,
0.4890


 26.1396, 0.4085,
0.5558

 122.6503, 0.3899,
0.4770


 16.9281, 0.4085,
0.5797


 154.7338, 0.3858,
0.4666

 10.1832, 0.3992,
0.6008

 191.9748, 0.3820,
0.4574

 5.5206, 0.3785,
0.6215

 234.7575, 0.3784,
0.4493

 2.5558, 0.3453,
0.6547

 283.4665, 0.3752,

 0.9045, 0.1946,

0.4421

0.8054

338.4860, 0.3722,
0.4357

■ 0.0000, 0.0000,
0.0000

■ 53.5000, 0.4030,
0.5182

■ 53.5000, 0.4030,
0.5182

■ 53.5012, 0.4030,
0.5182

■ 53.7921, 0.4025,
0.5131

■ 54.1400, 0.3999,
0.5043

■ 54.5646, 0.3948,
0.4911

■ 55.0762, 0.3871,
0.4738

■ 55.6831, 0.3772,
0.4529

■ 56.3928, 0.3656,
0.4294

■ 57.2121, 0.3528,
0.4044

■ 58.1469, 0.3394,
0.3788

■ 59.2031, 0.3259,
0.3534

Harmonies

Analogous

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



53.5000, 0.4845, 0.4529



53.5000, 0.4030, 0.5182



53.5000, 0.3051, 0.5269

Triad

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



53.5000, 0.4030, 0.5182



53.5000, 0.1376, 0.2231



53.5000, 0.4006, 0.2445

Complementary

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



53.5000, 0.4030, 0.5182



4.5004, 0.1528, 0.0616

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.



53.5000, 0.2880, 0.1980



53.5000, 0.4030, 0.5182



53.5000, 0.1529, 0.1819

Square

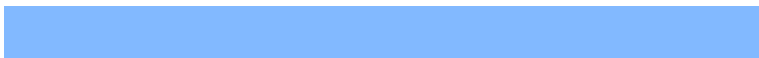
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.5000, 0.4030, 0.5182



53.5000, 0.1560, 0.3118



53.5000, 0.2018, 0.1759



53.5000, 0.4954, 0.3074

Rectangle

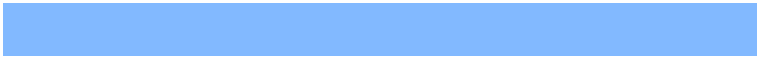
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.5000, 0.4030, 0.5182



53.5000, 0.2419, 0.4772



53.5000, 0.2018, 0.1759



53.5000, 0.3622, 0.2267

Sweetspot

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



53.5025, 0.4030, 0.5182



94.6899, 0.3534, 0.4055



13.2405, 0.6343, 0.3345



20.1394, 0.3589, 0.4163



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.



53.5025, 0.4030, 0.5182



88.5561, 0.4028, 0.5184



45.1179, 0.3256, 0.5796



13.0416, 0.3252, 0.3520



33.6974, 0.4032, 0.5180



1.7542, 0.4066, 0.5154

Inverse Universe

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



4.5004, 0.1528, 0.0616



7.4107, 0.1524, 0.0613



8.2858, 0.2190, 0.0980



10.8931, 0.2996, 0.3051



2.8491, 0.1534, 0.0619



0.1645, 0.1641, 0.0677

Previews

White Background



This preview shows how the Yxy color 53.5000, 0.4030, 0.5182 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 53.5000, 0.4030, 0.5182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

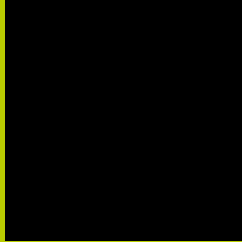
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5000, 0.4030, 0.5182

Background



This preview shows how black text looks on a background with the Yxy color 53.5000, 0.4030, 0.5182.



This preview shows how white text looks on a background with the Yxy color 53.5000, 0.4030, 0.5182.

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

53.5000, 0.4030, 0.5182

Protanopia

53.4890, 0.4403, 0.4886

Deuteranopia

53.0372, 0.4666, 0.4568



Tritanopia

53.5140, 0.3095, 0.3110

Trichromacy



Original Color

53.5000, 0.4030, 0.5182

Protanomaly

53.5100, 0.4263, 0.4997

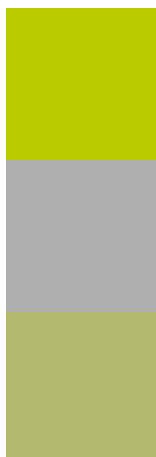
Deuteranomaly

52.8491, 0.4440, 0.4799

Tritanomaly

52.2440, 0.3624, 0.4111

Monochromacy



Original Color

53.5000, 0.4030, 0.5182

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

45.8492, 0.3657, 0.4297

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5000, 0.4030, 0.5182 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(185, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(185, 204, 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(185, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 204, 0) }
```

Border

The CSS property to change the border of an element to Yxy 53.5000, 0.4030, 0.5182 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(185, 204, 0) }
```

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

```
.border{ border-color:rgb(185, 204, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 204, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(185, 204,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5000, 0.4030, 0.5182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 204, 0) }
```

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

```
.background{ background-color: rgb(185,  
204, 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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