

Converting Colors

$Yxy(52.0867, 0.4052, 0.4979)$

Have a look what the booklet for
Yxy(52.0867, 0.4052, 0.4979)
contains.

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Color

Yxy(52.0976, 0.4050, 0.4983)

Conversions

Conversions Part 1

Format	Color
Hex	BFC72B
RGB	191, 199, 43
RGB Percent	75%, 78%, 17%
CMY	0.2510, 0.2196, 0.8313
CMYK	0.04, 0.00, 0.78, 0.22
HSL	63°, 64%, 47%
HSV	63°, 78%, 78%
XYZ	42.3430, 52.0976, 10.1101
YIQ	178.8240, 45.3080, -50.2120

Conversions

Conversions Part 2

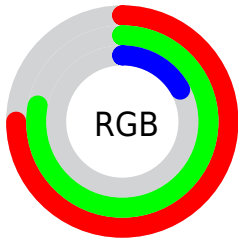
Format	Color
R_{YB}	43, 199, 51
Decimal	12568363
CIE _{Lab}	77.34, -20.45, 70.36
CIE _{LCh}	77, 73.276, 106.207
Yxy	52.0976, 0.4050, 0.4983
Android (android.graphics.Color)	4290758443 (0xFFBFC72B)
YUV	178.8240, -66.9612, 10.6784
Hunter-Lab	72.1787, -21.5971, 42.2203

Details

The Yxy color **52.0976, 0.4050, 0.4983** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **6.5572, 0.1701, 0.0889**, and the grayscale version is **45.3270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0085, 0.3945, 0.4705**, and **25.3191, 0.4064, 0.5155** is the 20% darker color. If you saturate the color by 10%, you get **51.8556, 0.4087, 0.5070**, and if you desaturate by 10%, it is **52.4166, 0.3987, 0.4853**.

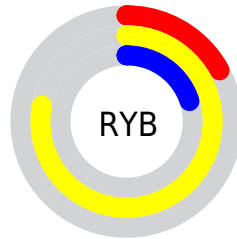
Distribution



Red (75%)

Green (78%)

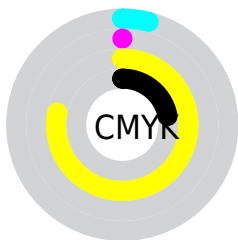
Blue (17%)



Red (17%)

Yellow (78%)

Blue (20%)

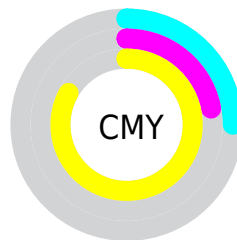


Cyan (4%)

Magenta (0%)

Yellow (78%)

Black (22%)



Cyan (25%)

Magenta (22%)

Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0976, 0.4050, 0.4983 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 52.0976, 0.4050, 0.4983 by changing the saturation by 10% instead.


 52.0976, 0.4050,
0.4983


 52.0976, 0.4050,
0.4983


394.8133, 0.3676,
0.4184

 37.0829, 0.4105,
0.5150


 93.2752, 0.3941,
0.4714

 25.2717, 0.4153,
0.5340


 120.2068, 0.3892,
0.4606


 16.2796, 0.4179,
0.5553


 151.8795, 0.3847,
0.4512

 9.7222, 0.4182,
0.5818

 188.6777, 0.3806,
0.4429

 5.2152, 0.4016,
0.5984

 230.9858, 0.3768,
0.4357

 2.3741, 0.3749,
0.6251

 279.1882, 0.3735,

 0.8125, 0.2515,

0.4293

0.7485

333.6692, 0.3704,
0.4235

0.0000, 0.0000,
0.0000

52.0976, 0.4050,
0.4983

52.0976, 0.4050,
0.4983

51.8556, 0.4087,
0.5070

52.4166, 0.3987,
0.4853

51.6690, 0.4102,
0.5117

52.8144, 0.3898,
0.4681

51.6409, 0.4103,
0.5124

53.3013, 0.3789,
0.4476

53.8841, 0.3663,
0.4245

54.5690, 0.3527,
0.3998

■ 55.3618, 0.3385,
0.3745

■ 56.2676, 0.3243,
0.3494

■ 57.2914, 0.3105,
0.3252

■ 58.4377, 0.2973,
0.3022

Harmonies

Analogous

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



52.0976, 0.4759, 0.4408



52.0976, 0.4050, 0.4983



52.0976, 0.3157, 0.5070

Triad

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



52.0976, 0.4050, 0.4983



52.0976, 0.1515, 0.2388



52.0976, 0.3842, 0.2480

Complementary

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



52.0976, 0.4050, 0.4983



6.5572, 0.1701, 0.0889

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.



52.0976, 0.2837, 0.2060



52.0976, 0.4050, 0.4983



52.0976, 0.1632, 0.1962

Square

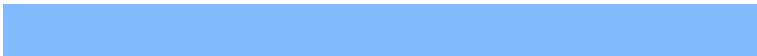
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.0976, 0.4050, 0.4983



52.0976, 0.1726, 0.3233



52.0976, 0.2067, 0.1874



52.0976, 0.4720, 0.3062

Rectangle

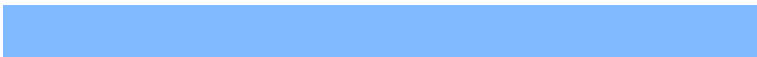
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.0976, 0.4050, 0.4983



52.0976, 0.2568, 0.4668



52.0976, 0.2067, 0.1874



52.0976, 0.3498, 0.2317

Sweetspot

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



52.1000, 0.4050, 0.4983



96.0740, 0.3470, 0.3896



14.6690, 0.5769, 0.3362



20.4605, 0.3521, 0.3987



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.



52.1000, 0.4050, 0.4983



90.5520, 0.4099, 0.5106



44.5500, 0.3391, 0.5455



12.3882, 0.3257, 0.3519



33.2150, 0.4105, 0.5123



1.5814, 0.4124, 0.5107

Inverse Universe

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



6.5572, 0.1701, 0.0889



7.8118, 0.1537, 0.0642



10.5048, 0.2357, 0.1226



10.3131, 0.2990, 0.3052



2.7057, 0.1518, 0.0610



0.1374, 0.1583, 0.0646

Previews

White Background



This preview shows how the Yxy color 52.0976, 0.4050, 0.4983 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 52.0976, 0.4050, 0.4983 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 52.0976, 0.4050, 0.4983

Background



This preview shows how black text looks on a background with the Yxy color 52.0976, 0.4050, 0.4983.



This preview shows how white text looks on a background with the Yxy color 52.0976, 0.4050, 0.4983.

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

52.0976, 0.4050, 0.4983

Protanopia

51.8688, 0.4335, 0.4778

Deuteranopia

51.8209, 0.4601, 0.4492



Tritanopia

51.7054, 0.3169, 0.3110

Trichromacy



Original Color

52.0976, 0.4050, 0.4983

Protanomaly

51.8726, 0.4226, 0.4854

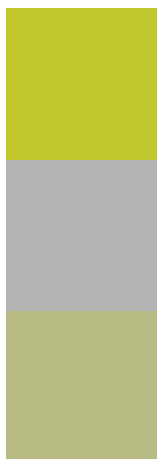
Deuteranomaly

51.7178, 0.4396, 0.4672

Tritanomaly

50.9522, 0.3576, 0.3883

Monochromacy



Original Color

52.0976, 0.4050, 0.4983

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

46.7968, 0.3548, 0.4038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0976, 0.4050, 0.4983 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(191, 199, 43)` looks like.

```
.text, #text, p{  
    color:rgb(191, 199, 43)  
}
```

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(191, 199, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 199, 43) }
```

Border

The CSS property to change the border of an element to Yxy 52.0976, 0.4050, 0.4983 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(191, 199, 43) }
```

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

```
.border{ border-color:rgb(191, 199, 43) }
```

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

Here you see how a box with a 4 pixel rgb(191, 199, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 199, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 199, 43);  
box-shadow:4px 4px 4px 4px rgb(191, 199,  
43) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0976, 0.4050, 0.4983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 199, 43) }
```

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

```
.background{ background-color: rgb(191,  
199, 43) }
```

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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