

Converting Colors

$Yxy(56.2369, 0.4046, 0.5154)$

Have a look what the booklet for
Yxy(56.2369, 0.4046, 0.5154)
contains.

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Color

Yxy(56.2035, 0.4044, 0.5156)

Conversions

Conversions Part 1

Format	Color
Hex	BFD007
RGB	191, 208, 7
RGB Percent	75%, 82%, 3%
CMY	0.2509, 0.1843, 0.9732
CMYK	0.08, 0.00, 0.97, 0.18
HSL	65°, 94%, 42%
HSV	65°, 97%, 82%
XYZ	44.0820, 56.2035, 8.7205
YIQ	180.0030, 54.3890, -66.1150

Conversions

Conversions Part 2

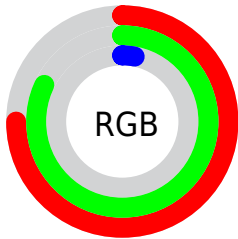
Format	Color
RYB	7, 208, 24
Decimal	12570631
CIELab	79.73, -25.60, 78.84
CIELCh	80, 82.892, 107.987
Yxy	56.2035, 0.4044, 0.5156
Android (android.graphics.Color)	4290760711 (0xFFBFD007)
YUV	180.0030, -85.2905, 9.6444
Hunter-Lab	74.9690, -26.2371, 45.5816

Details

The Yxy color **56.2035, 0.4044, 0.5156** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed chartreuse. A complement of this color would be **4.8945, 0.1542, 0.0638**, and the grayscale version is **46.0812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7173, 0.4007, 0.4808**, and **28.0977, 0.3958, 0.5239** is the 20% darker color. If you saturate the color by 10%, you get **56.1164, 0.4045, 0.5170**, and if you desaturate by 10%, it is **56.5024, 0.4033, 0.5098**.

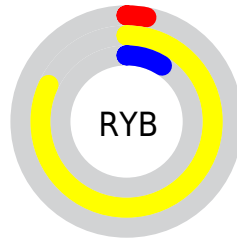
Distribution



Red (75%)

Green (82%)

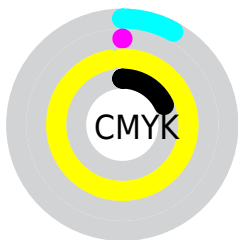
Blue (3%)



Red (3%)

Yellow (82%)

Blue (9%)

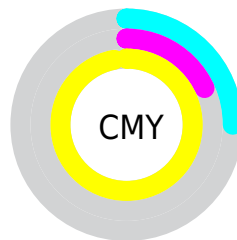


Cyan (8%)

Magenta (0%)

Yellow (97%)

Black (18%)



Cyan (25%)


Magenta (18%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2035, 0.4044, 0.5156 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 56.2035, 0.4044, 0.5156 by changing the saturation by 10% instead.


 56.2035, 0.4044,
0.5156

 56.2035, 0.4044,
0.5156


410.4580, 0.3703,
0.4295


 40.3661, 0.4083,
0.5328


 99.3021, 0.3954,
0.4872

 27.8241, 0.4106,
0.5520


 127.3320, 0.3910,
0.4756

 18.1931, 0.4107,
0.5741


 160.1949, 0.3868,
0.4654

 11.0887, 0.4040,
0.5960

 198.2752, 0.3829,
0.4565

 6.1265, 0.3851,
0.6149

 241.9573, 0.3794,
0.4485

 2.9222, 0.3552,
0.6448

 291.6255, 0.3761,

 1.0912, 0.2677,

0.4414

0.7323

347.6642, 0.3731,
0.4351

■ 0.0000, 0.0000,
0.0000

■ 56.2035, 0.4044,
0.5156

■ 56.2035, 0.4044,
0.5156

■ 56.1164, 0.4045,
0.5170

■ 56.5024, 0.4033,
0.5098

■ 56.8691, 0.3998,
0.4998

■ 57.3193, 0.3936,
0.4854

■ 57.8629, 0.3850,
0.4670

■ 58.5084, 0.3743,
0.4453

■ 59.2632, 0.3621,
0.4214

■ 60.1342, 0.3489,
0.3961

■ 61.1277, 0.3353,
0.3705

■ 62.2494, 0.3217,
0.3454

Harmonies

Analogous

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



56.2035, 0.4845, 0.4508



56.2035, 0.4044, 0.5156



56.2035, 0.3074, 0.5253

Triad

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



56.2035, 0.4044, 0.5156



56.2035, 0.1390, 0.2255



56.2035, 0.3975, 0.2442

Complementary

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



56.2035, 0.4044, 0.5156



4.8945, 0.1542, 0.0638

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.



56.2035, 0.2863, 0.1984



56.2035, 0.4044, 0.5156



56.2035, 0.1535, 0.1836

Square

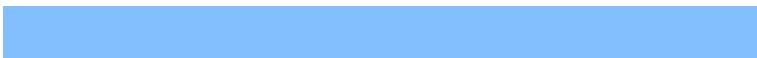
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.2035, 0.4044, 0.5156



56.2035, 0.1582, 0.3143



56.2035, 0.2015, 0.1769



56.2035, 0.4922, 0.3065

Rectangle

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



56.2035, 0.4044, 0.5156



56.2035, 0.2445, 0.4774



56.2035, 0.2015, 0.1769



56.2035, 0.3595, 0.2266

Sweetspot

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



56.2061, 0.4044, 0.5156



94.9530, 0.3525, 0.4028



14.0620, 0.6286, 0.3352



20.1959, 0.3582, 0.4137



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.



56.2061, 0.4044, 0.5156



88.9222, 0.4043, 0.5172



47.3345, 0.3272, 0.5764



13.7448, 0.3253, 0.3521



34.9948, 0.4047, 0.5169



1.9720, 0.4076, 0.5146

Inverse Universe

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



4.8945, 0.1542, 0.0638



7.3853, 0.1520, 0.0611



9.0012, 0.2220, 0.1009



11.4647, 0.2995, 0.3051



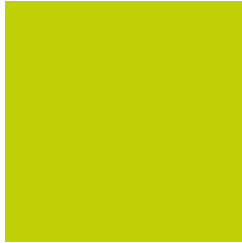
2.9334, 0.1530, 0.0616



0.1809, 0.1622, 0.0667

Previews

White Background



This preview shows how the Yxy color 56.2035, 0.4044, 0.5156 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 56.2035, 0.4044, 0.5156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

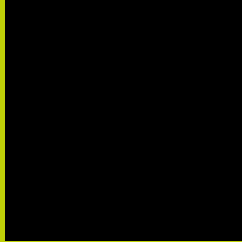
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.2035, 0.4044, 0.5156

Background



This preview shows how black text looks on a background with the Yxy color 56.2035, 0.4044, 0.5156.



This preview shows how white text looks on a background with the Yxy color 56.2035, 0.4044, 0.5156.

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

56.2035, 0.4044, 0.5156

Protanopia

56.0761, 0.4408, 0.4882

Deuteranopia

55.8017, 0.4672, 0.4563



Tritanopia

55.8652, 0.3112, 0.3103

Trichromacy



Original Color

56.2035, 0.4044, 0.5156

Protanomaly

56.0943, 0.4268, 0.4989

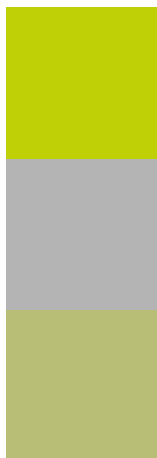
Deuteranomaly

55.5944, 0.4448, 0.4784

Tritanomaly

54.5549, 0.3628, 0.4068

Monochromacy



Original Color

56.2035, 0.4044, 0.5156

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

48.3016, 0.3642, 0.4249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2035, 0.4044, 0.5156 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, 208, 7)` looks like.

```
.text, #text, p{  
    color:rgb(191, 208, 7)  
}
```

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, 208, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 208, 7) }
```

Border

The CSS property to change the border of an element to Yxy 56.2035, 0.4044, 0.5156 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, 208, 7) }
```

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

```
.border{ border-color:rgb(191, 208, 7) }
```

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

Here you see how a box with a 4 pixel rgb(191, 208, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 208, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 208, 7);  
box-shadow:4px 4px 4px 4px rgb(191, 208,  
7) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2035, 0.4044, 0.5156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 208, 7) }
```

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

```
.background{ background-color: rgb(191,  
208, 7) }
```

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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