

Converting Colors

$Yxy(41.5707, 0.3803, 0.4570)$

Have a look what the booklet for
Yxy(41.5707, 0.3803, 0.4570)
contains.

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Color

Yxy(41.5540, 0.3801, 0.4571)

Conversions

Conversions Part 1

Format	Color
Hex	ABB355
RGB	171, 179, 85
RGB Percent	67%, 70%, 33%
CMY	0.3294, 0.2980, 0.6665
CMYK	0.04, 0.00, 0.52, 0.30
HSL	65°, 38%, 52%
HSV	65°, 52%, 70%
XYZ	34.5541, 41.5540, 14.7998
YIQ	165.8920, 25.4060, -30.9300

Conversions

Conversions Part 2

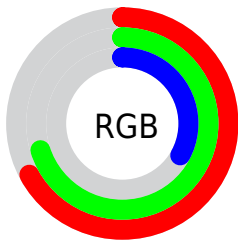
Format	Color
RYB	85, 179, 93
Decimal	11252565
CIELab	70.56, -16.26, 46.41
CIELCh	71, 49.179, 109.307
Yxy	41.5540, 0.3801, 0.4571
Android (android.graphics.Color)	4289442645 (0xFFABB355)
YUV	165.8920, -39.8798, 4.4797
Hunter-Lab	64.4624, -17.1270, 31.5114

Details

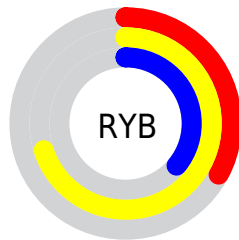
The Yxy color **41.5540, 0.3801, 0.4571** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **12.0863, 0.2205, 0.1675**, and the grayscale version is **38.2672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7168, 0.3697, 0.4339**, and **18.8191, 0.3943, 0.4919** is the 20% darker color. If you saturate the color by 10%, you get **41.1359, 0.3896, 0.4770**, and if you desaturate by 10%, it is **42.0498, 0.3688, 0.4344**.

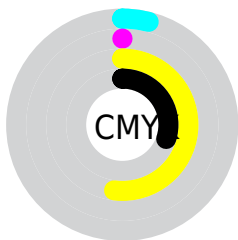
Distribution



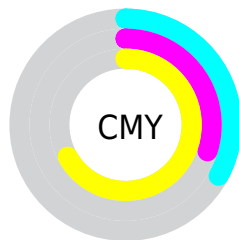
- Red (67%)
- Green (70%)
- Blue (33%)



- Red (33%)
- Yellow (70%)
- Blue (36%)



- Cyan (4%)
- Magenta (0%)
- Yellow (52%)
- Black (30%)




- Cyan (33%)
- Magenta (30%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5540, 0.3801, 0.4571 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 41.5540, 0.3801, 0.4571 by changing the saturation by 10% instead.


 41.5540, 0.3801,
0.4571

 41.5540, 0.3801,
0.4571


352.6308, 0.3488,
0.3916


 28.7522, 0.3864,
0.4731


 77.5242, 0.3697,
0.4333


 18.8935, 0.3934,
0.4931


 101.4614, 0.3654,
0.4244

 11.5933, 0.4005,
0.5183


 129.8791, 0.3618,
0.4168

 6.4674, 0.4086,
0.5538

 163.1619, 0.3585,
0.4103

 3.1313, 0.4067,
0.5933

 201.6941, 0.3557,
0.4047

 1.2007, 0.3731,
0.6269

245.8600, 0.3531,

 0.0623, 0.0000,

0.3997

1.0000

296.0441, 0.3509,
0.3954

■ 0.0000, 0.0000,
0.0000

■ 41.5540, 0.3801,
0.4571

■ 41.5540, 0.3801,
0.4571

■ 41.1359, 0.3896,
0.4770

■ 42.0498, 0.3688,
0.4344

■ 40.7844, 0.3969,
0.4933

■ 42.6227, 0.3562,
0.4100

■ 40.4948, 0.4017,
0.5054

■ 43.2790, 0.3429,
0.3847

■ 40.2598, 0.4040,
0.5132

■ 44.0229, 0.3293,
0.3595

■ 40.1075, 0.4045,
0.5170

■ 44.8583, 0.3160,
0.3350

■ 45.7889, 0.3031,
0.3116

■ 46.8181, 0.2909,
0.2898

■ 47.9492, 0.2796,
0.2695

■ 49.1854, 0.2691,
0.2511

Harmonies

Analogous

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



41.5540, 0.4333, 0.4240



41.5540, 0.3801, 0.4571



41.5540, 0.3122, 0.4504

Triad

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



41.5540, 0.3801, 0.4571



41.5540, 0.1885, 0.2596



41.5540, 0.3731, 0.2724

Complementary

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



41.5540, 0.3801, 0.4571



12.0863, 0.2205, 0.1675

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.



41.5540, 0.2999, 0.2371



41.5540, 0.3801, 0.4571



41.5540, 0.2002, 0.2268

Square

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



41.5540, 0.3801, 0.4571



41.5540, 0.2043, 0.3202



41.5540, 0.2383, 0.2206



41.5540, 0.4329, 0.3204

Rectangle

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



41.5540, 0.3801, 0.4571



41.5540, 0.2678, 0.4181



41.5540, 0.2383, 0.2206



41.5540, 0.3488, 0.2589

Sweetspot

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



41.5559, 0.3801, 0.4571



78.3169, 0.3344, 0.3690



18.0453, 0.4554, 0.3405



17.2911, 0.3372, 0.3741



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.5559, 0.3801, 0.4571



73.5618, 0.3909, 0.4798



37.1979, 0.3359, 0.4787



9.8691, 0.3251, 0.3516



28.3539, 0.4047, 0.5169



0.9029, 0.4090, 0.5134

Inverse Universe

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



12.0863, 0.2205, 0.1675



15.0768, 0.1977, 0.1298



15.3192, 0.2707, 0.1870



8.2636, 0.2998, 0.3056



2.3858, 0.1533, 0.0618



0.0864, 0.1667, 0.0692

Previews

White Background



This preview shows how the Yxy color 41.5540, 0.3801, 0.4571 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 41.5540, 0.3801, 0.4571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

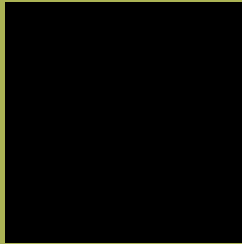
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5540, 0.3801, 0.4571

Background



This preview shows how black text looks on a background with the Yxy color 41.5540, 0.3801, 0.4571.



This preview shows how white text looks on a background with the Yxy color 41.5540, 0.3801, 0.4571.

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

41.5540, 0.3801, 0.4571

Protanopia

41.5880, 0.4051, 0.4434

Deuteranopia

41.2692, 0.4279, 0.4182



Tritanopia

41.5771, 0.3126, 0.3118

Trichromacy



Original Color

41.5540, 0.3801, 0.4571

Protanomaly

41.4904, 0.3961, 0.4478

Deuteranomaly

40.9508, 0.4102, 0.4310

Tritanomaly

41.3408, 0.3386, 0.3651

Monochromacy



Original Color

41.5540, 0.3801, 0.4571

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.2568, 0.3391, 0.3779

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5540, 0.3801, 0.4571 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(171, 179, 85)` looks like.

```
.text, #text, p{  
    color:rgb(171, 179, 85)  
}
```

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(171, 179, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 179, 85) }
```

Border

The CSS property to change the border of an element to Yxy 41.5540, 0.3801, 0.4571 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(171, 179, 85) }
```

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

```
.border{ border-color:rgb(171, 179, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 179, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 179, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 179, 85);  
box-shadow:4px 4px 4px 4px rgb(171, 179,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5540, 0.3801, 0.4571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 179, 85) }
```

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

```
.background{ background-color: rgb(171,  
179, 85) }
```

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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