

Converting Colors

$Y_{xy}(41.1118, 0.4016, 0.5182)$

Have a look what the booklet for
Yxy(41.1118, 0.4016, 0.5182)
contains.

Yxy(41.3572, 0.4016, 0.5181)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.3572, 0.4016, 0.5181)

Conversions

Conversions Part 1

Format	Color
Hex	A4B604
RGB	164, 182, 4
RGB Percent	64%, 71%, 2%
CMY	0.3569, 0.2862, 0.9840
CMYK	0.10, 0.00, 0.98, 0.29
HSL	66°, 96%, 36%
HSV	66°, 98%, 71%
XYZ	32.0576, 41.3572, 6.4099
YIQ	156.3260, 46.4100, -59.1740

Conversions

Conversions Part 2

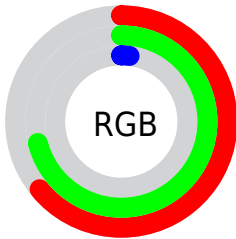
Format	Color
R_{YB}	4, 182, 22
Decimal	10794500
CIE _{Lab}	70.43, -24.48, 71.21
CIE _{LCh}	70, 75.297, 108.972
Yxy	41.3572, 0.4016, 0.5181
Android (android.graphics.Color)	4288984580 (0xFFA4B604)
YUV	156.3260, -75.0967, 6.7301
Hunter-Lab	64.3096, -23.5614, 39.1071

Details

The Yxy color **41.3572, 0.4016, 0.5181** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **3.6383, 0.1549, 0.0639**, and the grayscale version is **33.7304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4162, 0.3925, 0.4866**, and **18.8263, 0.3904, 0.5282** is the 20% darker color. If you saturate the color by 10%, you get **41.3062, 0.4017, 0.5193**, and if you desaturate by 10%, it is **41.6068, 0.4008, 0.5120**.

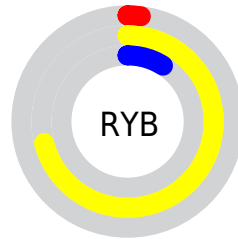
Distribution



Red (64%)

Green (71%)

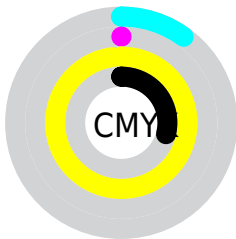
Blue (2%)



Red (2%)

Yellow (71%)

Blue (9%)

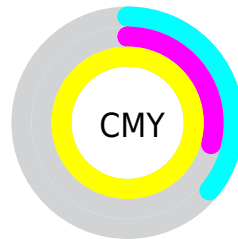


Cyan (10%)

Magenta (0%)

Yellow (98%)

Black (29%)



Cyan (36%)

Magenta (29%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3572, 0.4016, 0.5181 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 41.3572, 0.4016, 0.5181 by changing the saturation by 10% instead.

41.3572, 0.4016,
0.5181

41.3572, 0.4016,
0.5181

351.8113, 0.3665,
0.4254

28.5983, 0.4054,
0.5377

77.2258, 0.3922,
0.4864

18.7772, 0.4070,
0.5600

101.1044, 0.3876,
0.4738

11.5094, 0.4088,
0.5912

129.4582, 0.3833,
0.4629

6.4105, 0.3912,
0.6088

162.6718, 0.3793,
0.4534

3.0963, 0.3637,
0.6363

201.1295, 0.3757,
0.4450

1.1822, 0.2970,
0.7030

245.2157, 0.3723,

0.0471, 0.0000,

0.4377

1.0000

295.3149, 0.3693,
0.4312

■ 0.0000, 0.0000,
0.0000

■ 41.3572, 0.4016,
0.5181

■ 41.3572, 0.4016,
0.5181

■ 41.3062, 0.4017,
0.5193

■ 41.6068, 0.4008,
0.5120

■ 41.9047, 0.3976,
0.5019

■ 42.2640, 0.3919,
0.4874

■ 42.6920, 0.3838,
0.4690

■ 43.1946, 0.3736,
0.4474

■ 43.7776, 0.3619,
0.4235

■ 44.4457, 0.3492,
0.3983

■ 45.2036, 0.3360,
0.3728

■ 46.0555, 0.3228,
0.3478

Harmonies

Analogous

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



41.3572, 0.4831, 0.4536



41.3572, 0.4016, 0.5181



41.3572, 0.3040, 0.5253

Triad

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



41.3572, 0.4016, 0.5181



41.3572, 0.1381, 0.2228



41.3572, 0.4017, 0.2456

Complementary

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



41.3572, 0.4016, 0.5181



3.6383, 0.1549, 0.0639

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.



41.3572, 0.2895, 0.1989



41.3572, 0.4016, 0.5181



41.3572, 0.1538, 0.1822

Square

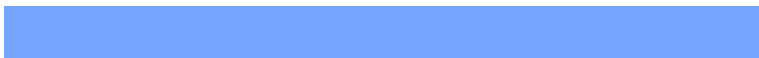
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.3572, 0.4016, 0.5181



41.3572, 0.1561, 0.3104



41.3572, 0.2031, 0.1765



41.3572, 0.4955, 0.3085

Rectangle

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



41.3572, 0.4016, 0.5181



41.3572, 0.2411, 0.4750



41.3572, 0.2031, 0.1765



41.3572, 0.3635, 0.2277

Sweetspot

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



41.3591, 0.4016, 0.5181



80.3497, 0.3515, 0.4027



10.5243, 0.6274, 0.3369



17.6312, 0.3569, 0.4135



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.3591, 0.4016, 0.5181



74.8201, 0.4014, 0.5195



34.9745, 0.3253, 0.5783



10.4559, 0.3249, 0.3517



29.1836, 0.4019, 0.5191



1.0422, 0.4067, 0.5153

Inverse Universe

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



3.6383, 0.1549, 0.0639



6.3177, 0.1528, 0.0616



6.8356, 0.2254, 0.1026



8.7619, 0.3000, 0.3055



2.4931, 0.1540, 0.0622



0.1024, 0.1687, 0.0703

Previews

White Background



This preview shows how the Yxy color 41.3572, 0.4016, 0.5181 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 41.3572, 0.4016, 0.5181 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 41.3572, 0.4016, 0.5181

Background



This preview shows how black text looks on a background with the Yxy color 41.3572, 0.4016, 0.5181.



This preview shows how white text looks on a background with the Yxy color 41.3572, 0.4016, 0.5181.

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

41.3572, 0.4016, 0.5181

Protanopia

40.9744, 0.4408, 0.4882

Deuteranopia

41.0398, 0.4665, 0.4564



Tritanopia

41.1004, 0.3090, 0.3116

Trichromacy



Original Color

41.3572, 0.4016, 0.5181

Protanomaly

41.1201, 0.4260, 0.4997

Deuteranomaly

40.8094, 0.4436, 0.4790

Tritanomaly

40.3271, 0.3592, 0.4097

Monochromacy



Original Color

41.3572, 0.4016, 0.5181

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

35.2208, 0.3633, 0.4251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3572, 0.4016, 0.5181 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(164, 182, 4)` looks like.

```
.text, #text, p{  
    color:rgb(164, 182, 4)  
}
```

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(164, 182, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 182, 4) }
```

Border

The CSS property to change the border of an element to Yxy 41.3572, 0.4016, 0.5181 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(164, 182, 4) }
```

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

```
.border{ border-color:rgb(164, 182, 4) }
```

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

Here you see how a box with a 4 pixel rgb(164, 182, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 182, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 182, 4);  
box-shadow:4px 4px 4px 4px rgb(164, 182,  
4) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3572, 0.4016, 0.5181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 182, 4) }
```

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

```
.background{ background-color: rgb(164,  
182, 4) }
```

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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