

Converting Colors

$Y_{xy}(41.0369, 0.3570, 0.3915)$

Have a look what the booklet for
Yxy(41.0369, 0.3570, 0.3915)
contains.

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Color

Yxy(41.0294, 0.3571, 0.3914)

Conversions

Conversions Part 1

Format	Color
Hex	B3AD80
RGB	179, 173, 128
RGB Percent	70%, 68%, 50%
CMY	0.2979, 0.3216, 0.4981
CMYK	0.00, 0.03, 0.29, 0.30
HSL	53°, 25%, 60%
HSV	53°, 29%, 70%
XYZ	37.4338, 41.0294, 26.3641
YIQ	169.6640, 18.0210, -12.7230

Conversions

Conversions Part 2

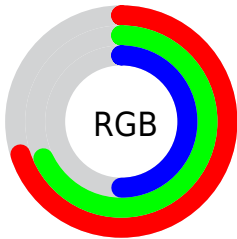
Format	Color
RYB	135, 179, 128
Decimal	11775360
CIELab	70.20, -5.03, 23.96
CIELCh	70, 24.481, 101.863
Yxy	41.0294, 0.3571, 0.3914
Android (android.graphics.Color)	4289965440 (0xFFB3AD80)
YUV	169.6640, -20.5404, 8.1877
Hunter-Lab	64.0542, -7.7779, 20.4348

Details

The Yxy color **41.0294, 0.3571, 0.3914** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.8985, 0.2647, 0.2578**, and the grayscale version is **40.1218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4852, 0.3489, 0.3794**, and **18.6604, 0.3704, 0.4110** is the 20% darker color. If you saturate the color by 10%, you get **39.7963, 0.3733, 0.4132**, and if you desaturate by 10%, it is **42.3622, 0.3410, 0.3692**.

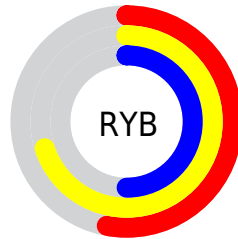
Distribution



Red (70%)

Green (68%)

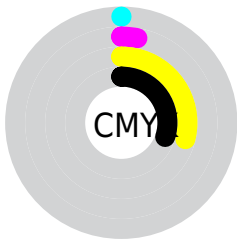
Blue (50%)



Red (53%)

Yellow (70%)

Blue (50%)

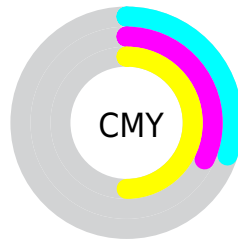


Cyan (0%)

Magenta (3%)

Yellow (29%)

Black (30%)



Cyan (30%)


Magenta (32%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0294, 0.3571, 0.3914 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 41.0294, 0.3571, 0.3914 by changing the saturation by 10% instead.


 41.0294, 0.3571,
0.3914


 41.0294, 0.3571,
0.3914


350.4435, 0.3348,
0.3594

 28.3421, 0.3626,
0.3996


 76.7285, 0.3490,
0.3796

 18.5837, 0.3696,
0.4102


 100.5091, 0.3460,
0.3752

 11.3698, 0.3787,
0.4243


 128.7562, 0.3434,
0.3715

 6.3162, 0.3908,
0.4440

161.8542, 0.3412,
0.3684

 3.0383, 0.4080,
0.4736

200.1876, 0.3393,
0.3657

 1.1517, 0.4532,
0.5468

244.1406, 0.3376,

 0.0218, 0.0000,

0.3633

1.0000

294.0978, 0.3361,
0.3612

0.0000, 0.0000,
0.0000

41.0294, 0.3571,
0.3914

41.0294, 0.3571,
0.3914

39.7963, 0.3733,
0.4132

42.3622, 0.3410,
0.3692

38.6529, 0.3891,
0.4336

43.7933, 0.3254,
0.3471

37.5963, 0.4038,
0.4518


45.3283, 0.3106,
0.3259

36.6211, 0.4167,
0.4668


46.9709, 0.2968,
0.3058

35.7212, 0.4274,
0.4778

48.7245, 0.2841,
0.2869


 34.8896, 0.4354,
0.4845


 50.5924, 0.2725,
0.2695

 34.1142, 0.4409,
0.4872

 52.5777, 0.2619,
0.2536

 34.0007, 0.4417,
0.4875

 53.5950, 0.2612,
0.2544

 54.5169, 0.2615,
0.2569

Harmonies

Analogous

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



41.0294, 0.3793, 0.3754



41.0294, 0.3571, 0.3914



41.0294, 0.3237, 0.3897

Triad

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



41.0294, 0.3571, 0.3914



41.0294, 0.2472, 0.3025



41.0294, 0.3349, 0.2936

Complementary

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



41.0294, 0.3571, 0.3914



24.8985, 0.2647, 0.2578

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.



41.0294, 0.2986, 0.2761



41.0294, 0.3571, 0.3914



41.0294, 0.2497, 0.2795

Square

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



41.0294, 0.3571, 0.3914



41.0294, 0.2610, 0.3354



41.0294, 0.2679, 0.2707



41.0294, 0.3665, 0.3197

Rectangle

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



41.0294, 0.3571, 0.3914



41.0294, 0.2999, 0.3776



41.0294, 0.2679, 0.2707



41.0294, 0.3227, 0.2866

Sweetspot

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



41.0313, 0.3571, 0.3914



78.2378, 0.3263, 0.3485



26.7655, 0.3659, 0.3193



17.2496, 0.3286, 0.3517



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.



41.0313, 0.3571, 0.3914



72.1019, 0.3670, 0.4047



41.3141, 0.3375, 0.4032



9.7319, 0.3266, 0.3489



24.0813, 0.4414, 0.4877



0.8058, 0.4344, 0.4933

Inverse Universe

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



24.8985, 0.2647, 0.2578



38.6228, 0.2530, 0.2398



24.8666, 0.2820, 0.2520



8.3865, 0.2985, 0.3083



2.7347, 0.1528, 0.0700



0.1377, 0.1624, 0.1047

Previews

White Background



This preview shows how the Yxy color 41.0294, 0.3571, 0.3914 looks on a white background.

Color Contrast Check

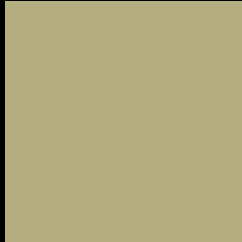
Large Text (above 18pt) WCAG AA × Fail

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 41.0294, 0.3571, 0.3914 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 41.0294, 0.3571, 0.3914

Background



This preview shows how black text looks on a background with the Yxy color 41.0294, 0.3571, 0.3914.



This preview shows how white text looks on a background with the Yxy color 41.0294, 0.3571, 0.3914.

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

41.0294, 0.3571, 0.3914

Protanopia

40.8485, 0.3636, 0.3892

Deuteranopia

41.0785, 0.3812, 0.3742



Tritanopia

40.8414, 0.3191, 0.3119

Trichromacy



Original Color

41.0294, 0.3571, 0.3914

Protanomaly

40.9824, 0.3612, 0.3909

Deuteranomaly

41.0596, 0.3729, 0.3807

Tritanomaly

40.9813, 0.3336, 0.3412

Monochromacy



Original Color

41.0294, 0.3571, 0.3914

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.3766, 0.3282, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0294, 0.3571, 0.3914 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(179, 173, 128)` looks like.

```
.text, #text, p{  
    color:rgb(179, 173, 128)  
}
```

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(179, 173, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 173, 128) }
```

Border

The CSS property to change the border of an element to Yxy 41.0294, 0.3571, 0.3914 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(179, 173, 128) }
```

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

```
.border{ border-color:rgb(179, 173, 128) }
```

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

Here you see how a box with a 4 pixel rgb(179, 173, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 173, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 173, 128);  
box-shadow:4px 4px 4px 4px rgb(179, 173,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0294, 0.3571, 0.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 173, 128) }
```

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

```
.background{ background-color: rgb(179,  
173, 128) }
```

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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