

Converting Colors

$Y_{xy}(41.3078, 0.3701, 0.4319)$

Have a look what the booklet for
Yxy(41.3078, 0.3701, 0.4319)
contains.

Yxy(41.3078, 0.3701, 0.4319)	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(41.3078, 0.3701, 0.4319)

Conversions

Conversions Part 1

Format	Color
Hex	ADB167
RGB	173, 177, 103
RGB Percent	68%, 69%, 40%
CMY	0.3217, 0.3058, 0.5961
CMYK	0.02, 0.00, 0.42, 0.31
HSL	63°, 32%, 55%
HSV	63°, 42%, 69%
XYZ	35.3971, 41.3078, 18.9371
YIQ	167.3680, 21.3700, -23.8620

Conversions

Conversions Part 2

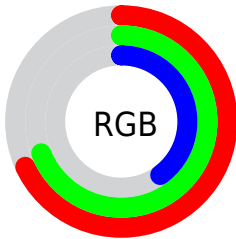
Format	Color
RYB	103, 177, 107
Decimal	11383143
CIELab	70.39, -12.64, 37.31
CIELCh	70, 39.395, 108.718
Yxy	41.3078, 0.3701, 0.4319
Android (android.graphics.Color)	4289573223 (0xFFADB167)
YUV	167.3680, -31.7334, 4.9393
Hunter-Lab	64.2711, -14.1662, 27.5203

Details

The Yxy color **41.3078, 0.3701, 0.4319** is a light color, and the websafe version is hex **999966**. A complement of this color would be **16.0029, 0.2400, 0.2037**, and the grayscale version is **38.9805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4674, 0.3609, 0.4130**, and **18.8555, 0.3828, 0.4625** is the 20% darker color. If you saturate the color by 10%, you get **40.8809, 0.3821, 0.4542**, and if you desaturate by 10%, it is **41.8145, 0.3569, 0.4078**.

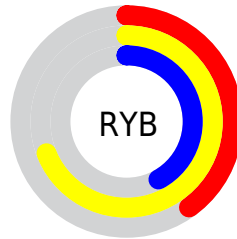
Distribution



Red (68%)

Green (69%)

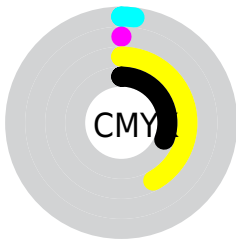
Blue (40%)



Red (40%)

Yellow (69%)

Blue (42%)

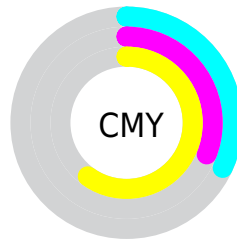


Cyan (2%)

Magenta (0%)

Yellow (42%)

Black (31%)



Cyan (32%)


Magenta (31%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3078, 0.3701, 0.4319 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 41.3078, 0.3701, 0.4319 by changing the saturation by 10% instead.


 41.3078, 0.3701,
0.4319

 41.3078, 0.3701,
0.4319


351.6054, 0.3425,
0.3789


 28.5597, 0.3763,
0.4452


 77.1509, 0.3605,
0.4125

 18.7480, 0.3836,
0.4622


 101.0147, 0.3568,
0.4052

 11.4883, 0.3922,
0.4844


 129.3525, 0.3535,
0.3991

 6.3963, 0.4014,
0.5137

 162.5487, 0.3507,
0.3939

 3.0875, 0.4248,
0.5752

200.9877, 0.3483,
0.3894

 1.1776, 0.3999,
0.6001

245.0539, 0.3461,

 0.0433, 0.0000,

0.3854

1.0000

295.1317, 0.3442,
0.3820

■ 0.0000, 0.0000,
0.0000

■ 41.3078, 0.3701,
0.4319

■ 41.3078, 0.3701,
0.4319

■ 40.8809, 0.3821,
0.4542

■ 41.8145, 0.3569,
0.4078

■ 40.5234, 0.3923,
0.4738

■ 42.3997, 0.3430,
0.3828

■ 40.2319, 0.4003,
0.4897


■ 43.0694, 0.3290,
0.3577

■ 40.0001, 0.4058,
0.5015

■ 43.8273, 0.3152,
0.3333


■ 39.8209, 0.4088,
0.5090

■ 44.6770, 0.3019,
0.3101

 39.7009, 0.4098,
0.5128

 45.6218, 0.2894,
0.2883

 46.6648, 0.2777,
0.2681

 47.8092, 0.2670,
0.2496

 48.5781, 0.2614,
0.2396

Harmonies

Analogous

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



41.3078, 0.4120, 0.4077



41.3078, 0.3701, 0.4319



41.3078, 0.3149, 0.4248

Triad

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



41.3078, 0.3701, 0.4319



41.3078, 0.2101, 0.2747



41.3078, 0.3605, 0.2821

Complementary

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



41.3078, 0.3701, 0.4319



16.0029, 0.2400, 0.2037

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.



41.3078, 0.3020, 0.2525



41.3078, 0.3701, 0.4319



41.3078, 0.2195, 0.2459

Square

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



41.3078, 0.3701, 0.4319



41.3078, 0.2246, 0.3244



41.3078, 0.2514, 0.2392



41.3078, 0.4083, 0.3226

Rectangle

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



41.3078, 0.3701, 0.4319



41.3078, 0.2784, 0.3999



41.3078, 0.2514, 0.2392



41.3078, 0.3412, 0.2707

Sweetspot

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



41.3097, 0.3701, 0.4319



76.9422, 0.3309, 0.3612



20.7799, 0.4158, 0.3348



16.6165, 0.3340, 0.3666



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



41.3097, 0.3701, 0.4319



73.2696, 0.3810, 0.4522



37.6896, 0.3351, 0.4451



9.8825, 0.3255, 0.3516



28.7675, 0.4099, 0.5127



0.9123, 0.4127, 0.5105

Inverse Universe

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



16.0029, 0.2400, 0.2037



21.9573, 0.2214, 0.1723



18.7769, 0.2787, 0.2159



8.2516, 0.2993, 0.3055



2.3540, 0.1521, 0.0612



0.0814, 0.1609, 0.0660

Previews

White Background



This preview shows how the Yxy color 41.3078, 0.3701, 0.4319 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 41.3078, 0.3701, 0.4319 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 41.3078, 0.3701, 0.4319

Background



This preview shows how black text looks on a background with the Yxy color 41.3078, 0.3701, 0.4319.



This preview shows how white text looks on a background with the Yxy color 41.3078, 0.3701, 0.4319.

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

41.3078, 0.3701, 0.4319

Protanopia

41.1360, 0.3892, 0.4231

Deuteranopia

41.0014, 0.4097, 0.4011



Tritanopia

41.2865, 0.3144, 0.3118

Trichromacy



Original Color

41.3078, 0.3701, 0.4319

Protanomaly

41.2987, 0.3823, 0.4260

Deuteranomaly

40.9980, 0.3946, 0.4122

Tritanomaly

41.0094, 0.3356, 0.3538

Monochromacy



Original Color

41.3078, 0.3701, 0.4319

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.5745, 0.3340, 0.3676

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3078, 0.3701, 0.4319 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(173, 177, 103)` looks like.

```
.text, #text, p{  
    color:rgb(173, 177, 103)  
}
```

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(173, 177, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 177, 103) }
```

Border

The CSS property to change the border of an element to Yxy 41.3078, 0.3701, 0.4319 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(173, 177, 103) }
```

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

```
.border{ border-color:rgb(173, 177, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 177, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 177, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 177, 103);  
box-shadow:4px 4px 4px 4px rgb(173, 177,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3078, 0.3701, 0.4319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 177, 103) }
```

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

```
.background{ background-color: rgb(173,  
177, 103) }
```

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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