

Converting Colors

$Y_{xy}(10.0339, 0.3816, 0.3539)$

Have a look what the booklet for
Yxy(10.0339, 0.3816, 0.3539)
contains.

Yxy(10.0339, 0.3816, 0.3539)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(10.0339, 0.3816, 0.3539)

Conversions

Conversions Part 1

Format	Color
Hex	6F5348
RGB	111, 83, 72
RGB Percent	44%, 33%, 28%
CMY	0.5647, 0.6745, 0.7176
CMYK	0.00, 0.25, 0.35, 0.56
HSL	17°, 21%, 36%
HSV	17°, 35%, 44%
XYZ	10.8193, 10.0339, 7.4992
YIQ	90.1180, 20.2190, 2.5150

Conversions

Conversions Part 2

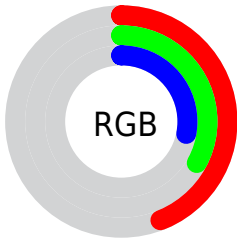
Format	Color
R_{YB}	111, 87, 72
Decimal	7295816
CIE Lab	37.90, 9.98, 10.96
CIE LCh	38, 14.819, 47.670
Yxy	10.0339, 0.3816, 0.3539
Android (android.graphics.Color)	4285485896 (0xFF6F5348)
YUV	90.1180, -8.9322, 18.3135
Hunter-Lab	31.6763, 5.5343, 8.1368

Details

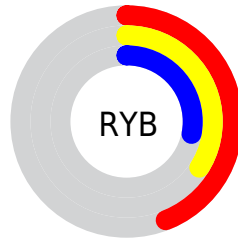
The Yxy color **10.0339, 0.3816, 0.3539** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **11.6435, 0.2624, 0.3024**, and the grayscale version is **10.2697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.0236, 0.3637, 0.3494**, and **2.4942, 0.4242, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **8.7517, 0.4091, 0.3611**, and if you desaturate by 10%, it is **11.4835, 0.3579, 0.3465**.

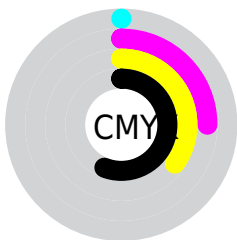
Distribution



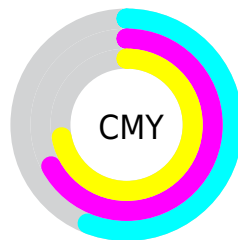
- Red (44%)
- Green (33%)
- Blue (28%)



- Red (44%)
- Yellow (34%)
- Blue (28%)



- Cyan (0%)
- Magenta (25%)
- Yellow (35%)
- Black (56%)





- Cyan (56%)
- Magenta (67%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.0339, 0.3816, 0.3539 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 10.0339, 0.3816, 0.3539 by changing the saturation by 10% instead.

 10.0339, 0.3816,
0.3539


 10.0339, 0.3816,
0.3539


190.9138, 0.3382,
0.3392


 5.4214, 0.3974,
0.3584

 25.8592, 0.3628,
0.3479


 2.4966, 0.4225,
0.3646

 37.8409, 0.3567,
0.3459

 0.8749, 0.5083,
0.4052

 53.0478, 0.3520,
0.3442

 0.0000, 1.0000,
0.0000

 71.8642, 0.3482,
0.3429

 0.0000, 0.0000,
0.0000

 94.6747, 0.3450,
0.3417

121.8635, 0.3424,

0.3408

153.8151, 0.3402,
0.3399

■ 10.0339, 0.3816,
0.3539

■ 10.0339, 0.3816,
0.3539

■ 8.7517, 0.4091,
0.3611

■ 11.4835, 0.3579,
0.3465

■ 7.6294, 0.4403,
0.3676

■ 13.1050, 0.3376,
0.3392

■ 6.6609, 0.4746,
0.3725


■ 14.9043, 0.3205,
0.3324


■ 5.8391, 0.5105,
0.3750


■ 16.8867, 0.3059,
0.3259


■ 5.1566, 0.5456,
0.3740

■ 19.0572, 0.2936,
0.3200


 4.6035, 0.5772,
0.3695

 21.4207, 0.2831,
0.3145

 4.3746, 0.5927,
0.3676

 23.9819, 0.2742,
0.3096

 26.7453, 0.2666,
0.3050

 29.7151, 0.2600,
0.3009

Harmonies

Analogous

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



10.0339, 0.3692, 0.3254



10.0339, 0.3816, 0.3539



10.0339, 0.3742, 0.3781

Triad

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



10.0339, 0.3816, 0.3539



10.0339, 0.2834, 0.3617



10.0339, 0.2742, 0.2724

Complementary

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



10.0339, 0.3816, 0.3539



11.6435, 0.2624, 0.3024

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.



10.0339, 0.2539, 0.2783



10.0339, 0.3816, 0.3539



10.0339, 0.2589, 0.3287

Square

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



10.0339, 0.3816, 0.3539



10.0339, 0.3167, 0.3851



10.0339, 0.2484, 0.2981



10.0339, 0.3057, 0.2801

Rectangle

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



10.0339, 0.3816, 0.3539



10.0339, 0.3596, 0.3882



10.0339, 0.2484, 0.2981



10.0339, 0.2660, 0.2728

Sweetspot

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



10.0344, 0.3816, 0.3539



24.6597, 0.3307, 0.3366



8.9479, 0.3345, 0.2671



5.8476, 0.3325, 0.3373



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



10.0344, 0.3816, 0.3539



16.1024, 0.4033, 0.3597



13.3323, 0.3683, 0.3939



3.5405, 0.3268, 0.3350



5.1135, 0.5941, 0.3665



24.1812, 0.6035, 0.3590

Inverse Universe

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



11.6435, 0.2624, 0.3024



19.4306, 0.2517, 0.2953



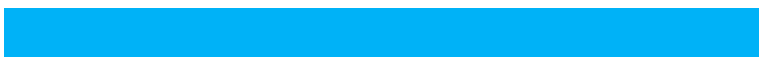
8.4272, 0.2563, 0.2543



3.6640, 0.2996, 0.3229



8.0201, 0.1995, 0.2383



38.4372, 0.1980, 0.2328

Previews

White Background



This preview shows how the Yxy color 10.0339, 0.3816, 0.3539 looks on a white 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 × Fail

Black Background



This preview shows how the Yxy color 10.0339, 0.3816, 0.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.0339, 0.3816, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 10.0339, 0.3816, 0.3539.

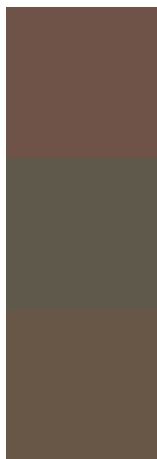


This preview shows how white text looks on a background with the Yxy color 10.0339, 0.3816, 0.3539.

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

10.0339, 0.3816, 0.3539

Protanopia

10.0324, 0.3429, 0.3637

Deuteranopia

10.0536, 0.3687, 0.3644



Tritanopia

10.0837, 0.3595, 0.3160

Trichromacy



Original Color

10.0339, 0.3816, 0.3539

Protanomaly

10.0201, 0.3560, 0.3603

Deuteranomaly

10.0777, 0.3748, 0.3614

Tritanomaly

10.0885, 0.3662, 0.3292

Monochromacy



Original Color

10.0339, 0.3816, 0.3539

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.0376, 0.3376, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.0339, 0.3816, 0.3539 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(111, 83, 72)` looks like.

```
.text, #text, p{  
    color:rgb(111, 83, 72)  
}
```

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(111, 83, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 83, 72) }
```

Border

The CSS property to change the border of an element to Yxy 10.0339, 0.3816, 0.3539 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(111, 83, 72) }
```

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

```
.border{ border-color:rgb(111, 83, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 83, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 83, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 83, 72);  
box-shadow:4px 4px 4px 4px rgb(111, 83,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 10.0339, 0.3816, 0.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 83, 72) }
```

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

```
.background{ background-color: rgb(111, 83,  
72) }
```

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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