

Converting Colors

$Y_{xy}(16.2580, 0.3439, 0.3509)$

Have a look what the booklet for
Yxy(16.2580, 0.3439, 0.3509)
contains.

Yxy(16.1903, 0.3436, 0.3509)	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(16.1903, 0.3436, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	7A6E63
RGB	122, 110, 99
RGB Percent	48%, 43%, 39%
CMY	0.5216, 0.5686, 0.6117
CMYK	0.00, 0.10, 0.19, 0.52
HSL	29°, 10%, 43%
HSV	29°, 19%, 48%
XYZ	15.8535, 16.1903, 14.0956
YIQ	112.3340, 10.6830, -0.8770

Conversions

Conversions Part 2

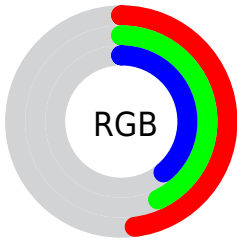
Format	Color
R_{YB}	122, 120, 99
Decimal	8023651
CIE Lab	47.22, 2.72, 7.83
CIE LCh	47, 8.289, 70.858
Yxy	16.1903, 0.3436, 0.3509
Android (android.graphics.Color)	4286213731 (0xFF7A6E63)
YUV	112.3340, -6.5737, 8.4771
Hunter-Lab	40.2372, -0.0859, 7.3960

Details

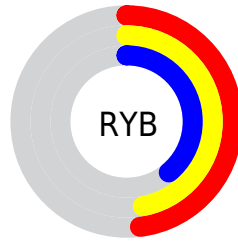
The Yxy color **16.1903, 0.3436, 0.3509** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.4257, 0.2846, 0.3061**, and the grayscale version is **16.3241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.1566, 0.3362, 0.3460**, and **5.2285, 0.3564, 0.3606** is the 20% darker color. If you saturate the color by 10%, you get **14.6510, 0.3633, 0.3632**, and if you desaturate by 10%, it is **17.8649, 0.3263, 0.3390**.

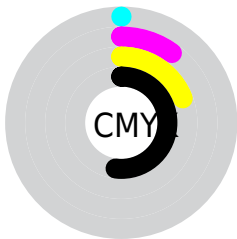
Distribution



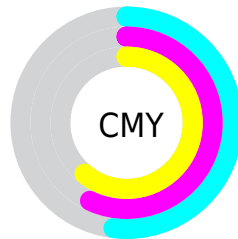
- Red (48%)
- Green (43%)
- Blue (39%)



- Red (48%)
- Yellow (47%)
- Blue (39%)



- Cyan (0%)
- Magenta (10%)
- Yellow (19%)
- Black (52%)





- Cyan (52%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.1903, 0.3436, 0.3509 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 16.1903, 0.3436, 0.3509 by changing the saturation by 10% instead.


 16.1903, 0.3436,
0.3509


 16.1903, 0.3436,
0.3509


230.4620, 0.3254,
0.3382


 9.6589, 0.3494,
0.3549


 36.9283, 0.3361,
0.3457


 5.1734, 0.3580,
0.3606

 51.9036, 0.3336,
0.3440

 2.3494, 0.3716,
0.3695

 70.4624, 0.3316,
0.3425

 0.7996, 0.4240,
0.4102

 92.9891, 0.3299,
0.3414

 0.0000, 0.0000,
0.0000

119.8680, 0.3285,
0.3404

151.4835, 0.3273,

0.3395

188.2201, 0.3263,
0.3388

■ 16.1903, 0.3436,
0.3509

■ 16.1903, 0.3436,
0.3509

■ 14.6510, 0.3633,
0.3632

■ 17.8649, 0.3263,
0.3390

■ 13.2411, 0.3853,
0.3756

■ 19.6761, 0.3111,
0.3277

■ 11.9577, 0.4096,
0.3875

■ 21.6280, 0.2978,
0.3172

■ 10.7966, 0.4358,
0.3981

■ 23.7237, 0.2862,
0.3075

■ 9.7536, 0.4631,
0.4064

■ 25.9663, 0.2761,
0.2985

■ 8.8240, 0.4901,
0.4113

■ 28.3589, 0.2672,
0.2903

■ 8.0026, 0.5154,
0.4117

■ 30.9043, 0.2595,
0.2827

■ 7.2793, 0.5388,
0.4085

■ 33.6053, 0.2527,
0.2758

■ 7.2007, 0.5417,
0.4081

■ 36.4646, 0.2467,
0.2695

Harmonies

Analogous

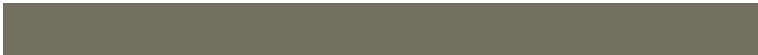
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.1903, 0.3447, 0.3388



16.1903, 0.3436, 0.3509



16.1903, 0.3340, 0.3575

Triad

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



16.1903, 0.3436, 0.3509



16.1903, 0.2889, 0.3329



16.1903, 0.3059, 0.3034

Complementary

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



16.1903, 0.3436, 0.3509



15.4257, 0.2846, 0.3061

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.



16.1903, 0.2914, 0.3014



16.1903, 0.3436, 0.3509



16.1903, 0.2818, 0.3179

Square

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



16.1903, 0.3436, 0.3509



16.1903, 0.3024, 0.3472



16.1903, 0.2827, 0.3065



16.1903, 0.3227, 0.3118

Rectangle

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



16.1903, 0.3436, 0.3509



16.1903, 0.3243, 0.3577



16.1903, 0.2827, 0.3065



16.1903, 0.3006, 0.3019

Sweetspot

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



16.1910, 0.3436, 0.3509



32.2694, 0.3220, 0.3359



14.2157, 0.3296, 0.3048



7.3439, 0.3227, 0.3364



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



16.1910, 0.3436, 0.3509



27.1826, 0.3526, 0.3567



18.7677, 0.3399, 0.3721



4.3020, 0.3266, 0.3393



7.5657, 0.5420, 0.4078



34.4045, 0.5499, 0.4015

Inverse Universe

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



15.4257, 0.2846, 0.3061



25.5521, 0.2773, 0.2996



13.1291, 0.2833, 0.2819



4.2071, 0.2994, 0.3185



5.2787, 0.1807, 0.1704



23.4660, 0.1783, 0.1619

Previews

White Background



This preview shows how the Yxy color 16.1903, 0.3436, 0.3509 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 16.1903, 0.3436, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

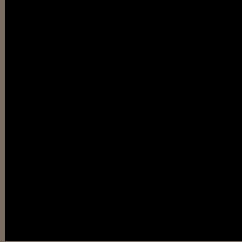
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.1903, 0.3436, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 16.1903, 0.3436, 0.3509.



This preview shows how white text looks on a background with the Yxy color 16.1903, 0.3436, 0.3509.

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

16.1903, 0.3436, 0.3509

Protanopia

16.2903, 0.3347, 0.3533

Deuteranopia

16.1380, 0.3515, 0.3466



Tritanopia

16.2712, 0.3244, 0.3137

Trichromacy



Original Color

16.1903, 0.3436, 0.3509

Protanomaly

16.2109, 0.3377, 0.3511

Deuteranomaly

16.1981, 0.3483, 0.3487

Tritanomaly

16.2740, 0.3307, 0.3271

Monochromacy



Original Color

16.1903, 0.3436, 0.3509

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

16.1434, 0.3245, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.1903, 0.3436, 0.3509 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(122, 110, 99)` looks like.

```
.text, #text, p{  
    color:rgb(122, 110, 99)  
}
```

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(122, 110, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 110, 99) }
```

Border

The CSS property to change the border of an element to Yxy 16.1903, 0.3436, 0.3509 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(122, 110, 99) }
```

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

```
.border{ border-color:rgb(122, 110, 99) }
```

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

Here you see how a box with a 4 pixel rgb(122, 110, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 110, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 110, 99);  
box-shadow:4px 4px 4px 4px rgb(122, 110,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 16.1903, 0.3436, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 110, 99) }
```

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

```
.background{ background-color: rgb(122,  
110, 99) }
```

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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