

Converting Colors

$Y_{xy}(19.2179, 0.3590, 0.3478)$

Have a look what the booklet for
Yxy(19.2179, 0.3590, 0.3478)
contains.

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Color

Yxy(19.1941, 0.3585, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	8D746A
RGB	141, 116, 106
RGB Percent	55%, 45%, 42%
CMY	0.4471, 0.5451, 0.5844
CMYK	0.00, 0.18, 0.25, 0.45
HSL	17°, 14%, 48%
HSV	17°, 25%, 55%
XYZ	19.8302, 19.1941, 16.2901
YIQ	122.3350, 18.1100, 2.1900

Conversions

Conversions Part 2

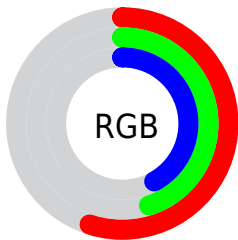
Format	Color
R_{YB}	141, 120, 106
Decimal	9270378
CIE Lab	50.91, 8.13, 9.19
CIE LCh	51, 12.274, 48.512
Yxy	19.1941, 0.3585, 0.3470
Android (android.graphics.Color)	4287460458 (0xFF8D746A)
YUV	122.3350, -8.0532, 16.3692
Hunter-Lab	43.8111, 4.1251, 8.6222

Details

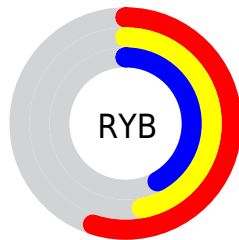
The Yxy color **19.1941, 0.3585, 0.3470** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.2112, 0.2759, 0.3102**, and the grayscale version is **19.5998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0417, 0.3480, 0.3435**, and **6.6237, 0.3774, 0.3535** is the 20% darker color. If you saturate the color by 10%, you get **16.7295, 0.3829, 0.3547**, and if you desaturate by 10%, it is **21.9600, 0.3377, 0.3395**.

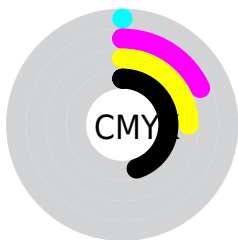
Distribution



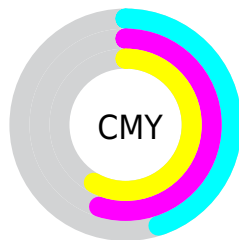
- Red (55%)
- Green (45%)
- Blue (42%)



- Red (55%)
- Yellow (47%)
- Blue (42%)



- Cyan (0%)
- Magenta (18%)
- Yellow (25%)
- Black (45%)





- Cyan (45%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1941, 0.3585, 0.3470 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 19.1941, 0.3585, 0.3470 by changing the saturation by 10% instead.


 19.1941, 0.3585,
0.3470


 19.1941, 0.3585,
0.3470


247.5182, 0.3321,
0.3371


 11.8106, 0.3667,
0.3498


 42.0618, 0.3479,
0.3432

 6.6149, 0.3783,
0.3536


 58.3149, 0.3442,
0.3418

 3.2224, 0.3962,
0.3590

 78.2932, 0.3412,
0.3406

 1.2489, 0.4308,
0.3699

 102.3812, 0.3388,
0.3397

 0.1011, 0.7444,
0.2556

130.9633, 0.3367,
0.3389

 0.0000, 0.0000,
0.0000

164.4240, 0.3349,

0.3382

203.1474, 0.3334,
0.3376

■ 19.1941, 0.3585,
0.3470

■ 19.1941, 0.3585,
0.3470

■ 16.7295, 0.3829,
0.3547

■ 21.9600, 0.3377,
0.3395

■ 14.5534, 0.4112,
0.3622

■ 25.0344, 0.3202,
0.3323

■ 12.6555, 0.4434,
0.3688

■ 28.4276, 0.3054,
0.3256

■ 11.0243, 0.4786,
0.3737

■ 32.1485, 0.2929,
0.3195

■ 9.6472, 0.5153,
0.3759

■ 36.2056, 0.2823,
0.3138

■ 8.5105, 0.5505,
0.3742

■ 40.6073, 0.2732,
0.3087

■ 7.5986, 0.5810,
0.3684

■ 45.3615, 0.2655,
0.3040

■ 7.2049, 0.5958,
0.3652

■ 50.4760, 0.2589,
0.2998

■ 55.9581, 0.2532,
0.2959

Harmonies

Analogous

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



19.1941, 0.3506, 0.3276



19.1941, 0.3585, 0.3470



19.1941, 0.3535, 0.3627

Triad

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



19.1941, 0.3585, 0.3470



19.1941, 0.2927, 0.3500



19.1941, 0.2875, 0.2905

Complementary

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



19.1941, 0.3585, 0.3470



21.2112, 0.2759, 0.3102

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.



19.1941, 0.2731, 0.2948



19.1941, 0.3585, 0.3470



19.1941, 0.2760, 0.3286

Square

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



19.1941, 0.3585, 0.3470



19.1941, 0.3151, 0.3654



19.1941, 0.2690, 0.3084



19.1941, 0.3090, 0.2959

Rectangle

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



19.1941, 0.3585, 0.3470



19.1941, 0.3438, 0.3686



19.1941, 0.2690, 0.3084



19.1941, 0.2817, 0.2908

Sweetspot

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



19.1950, 0.3585, 0.3470



43.5092, 0.3240, 0.3339



17.6075, 0.3281, 0.2855



9.6574, 0.3248, 0.3343



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



19.1950, 0.3585, 0.3470



31.7475, 0.3722, 0.3515



23.5904, 0.3517, 0.3766



5.6600, 0.3275, 0.3354



6.5943, 0.5951, 0.3657



0.0969, 0.5223, 0.4235

Inverse Universe

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



21.2112, 0.2759, 0.3102



36.0164, 0.2675, 0.3052



16.9235, 0.2731, 0.2764



5.8590, 0.2990, 0.3226



10.2029, 0.1988, 0.2356



0.1353, 0.2121, 0.2837

Previews

White Background



This preview shows how the Yxy color 19.1941, 0.3585, 0.3470 looks on a white 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

Black Background



This preview shows how the Yxy color 19.1941, 0.3585, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

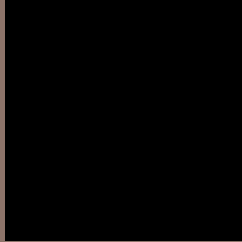
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1941, 0.3585, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 19.1941, 0.3585, 0.3470.

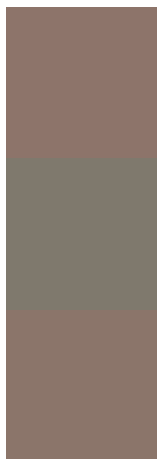


This preview shows how white text looks on a background with the Yxy color 19.1941, 0.3585, 0.3470.

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

19.1941, 0.3585, 0.3470

Protanopia

19.2909, 0.3345, 0.3516

Deuteranopia

19.2522, 0.3554, 0.3489



Tritanopia

19.2794, 0.3410, 0.3152

Trichromacy



Original Color

19.1941, 0.3585, 0.3470

Protanomaly

19.1819, 0.3428, 0.3494

Deuteranomaly

19.3386, 0.3567, 0.3488

Tritanomaly

19.2732, 0.3471, 0.3273

Monochromacy



Original Color

19.1941, 0.3585, 0.3470

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.3610, 0.3288, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1941, 0.3585, 0.3470 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(141, 116, 106)` looks like.

```
.text, #text, p{  
    color:rgb(141, 116, 106)  
}
```

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(141, 116, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 116, 106) }
```

Border

The CSS property to change the border of an element to Yxy 19.1941, 0.3585, 0.3470 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(141, 116, 106) }
```

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

```
.border{ border-color:rgb(141, 116, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 116, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 116, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 116, 106);  
box-shadow:4px 4px 4px 4px rgb(141, 116,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1941, 0.3585, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 116, 106) }
```

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

```
.background{ background-color: rgb(141,  
116, 106) }
```

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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