

Converting Colors

$Y_{xy}(19.0581, 0.3493, 0.3592)$

Have a look what the booklet for
Yxy(19.0581, 0.3493, 0.3592)
contains.

Yxy(19.0785, 0.3490, 0.3588)	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(19.0785, 0.3490, 0.3588)

Conversions

Conversions Part 1

Format	Color
Hex	847767
RGB	132, 119, 103
RGB Percent	52%, 47%, 40%
CMY	0.4825, 0.5333, 0.5961
CMYK	0.00, 0.10, 0.22, 0.48
HSL	33°, 12%, 46%
HSV	33°, 22%, 52%
XYZ	18.5574, 19.0785, 15.5372
YIQ	121.0630, 12.8840, -2.2200

Conversions

Conversions Part 2

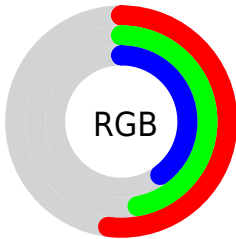
Format	Color
R_{YB}	127, 132, 103
Decimal	8681319
CIE _{Lab}	50.78, 2.23, 10.62
CIE _{LCh}	51, 10.854, 78.169
Yxy	19.0785, 0.3490, 0.3588
Android (android.graphics.Color)	4286871399 (0xFF847767)
YUV	121.0630, -8.9051, 9.5917
Hunter-Lab	43.6789, -0.6008, 9.4850

Details

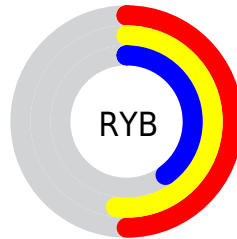
The Yxy color **19.0785, 0.3490, 0.3588** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.0307, 0.2792, 0.2973**, and the grayscale version is **19.1676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.7732, 0.3404, 0.3520**, and **6.5858, 0.3641, 0.3720** is the 20% darker color. If you saturate the color by 10%, you get **17.4729, 0.3687, 0.3731**, and if you desaturate by 10%, it is **20.8149, 0.3313, 0.3448**.

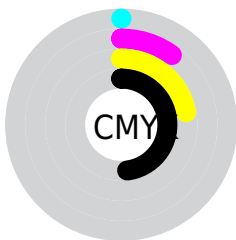
Distribution



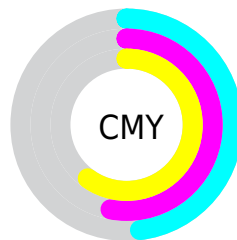
- Red (52%)
- Green (47%)
- Blue (40%)



- Red (50%)
- Yellow (52%)
- Blue (40%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (48%)





- Cyan (48%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0785, 0.3490, 0.3588 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 19.0785, 0.3490, 0.3588 by changing the saturation by 10% instead.


 19.0785, 0.3490,
0.3588

 19.0785, 0.3490,
0.3588


246.8818, 0.3281,
0.3418


 11.7270, 0.3554,
0.3639


 41.8667, 0.3406,
0.3520


 6.5581, 0.3645,
0.3711


 58.0722, 0.3377,
0.3497

 3.1873, 0.3784,
0.3818

 77.9978, 0.3354,
0.3478

 1.2303, 0.4093,
0.4067

 102.0280, 0.3334,
0.3462

 0.0862, 0.6125,
0.3875

130.5471, 0.3318,
0.3449

 0.0000, 0.0000,
0.0000

163.9395, 0.3304,

0.3437

202.5896, 0.3292,
0.3427

■ 19.0785, 0.3490,
0.3588

■ 19.0785, 0.3490,
0.3588

■ 17.4729, 0.3687,
0.3731

■ 20.8149, 0.3313,
0.3448

■ 15.9921, 0.3903,
0.3873

■ 22.6830, 0.3156,
0.3315

■ 14.6332, 0.4135,
0.4006

■ 24.6867, 0.3016,
0.3190

■ 13.3921, 0.4377,
0.4122

■ 26.8293, 0.2894,
0.3073

■ 12.2647, 0.4620,
0.4210

■ 29.1136, 0.2786,
0.2966

■ 11.2462, 0.4852,
0.4258

■ 31.5425, 0.2690,
0.2867

■ 10.3315, 0.5059,
0.4259

■ 34.1188, 0.2606,
0.2776

■ 9.6602, 0.5218,
0.4239

■ 36.8452, 0.2532,
0.2693

■ 39.7243, 0.2467,
0.2617

Harmonies

Analogous

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



19.0785, 0.3532, 0.3449



19.0785, 0.3490, 0.3588



19.0785, 0.3349, 0.3651

Triad

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



19.0785, 0.3490, 0.3588



19.0785, 0.2803, 0.3290



19.0785, 0.3092, 0.2994

Complementary

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



19.0785, 0.3490, 0.3588



17.0307, 0.2792, 0.2973

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.



19.0785, 0.2901, 0.2947



19.0785, 0.3490, 0.3588



19.0785, 0.2739, 0.3110

Square

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



19.0785, 0.3490, 0.3588



19.0785, 0.2952, 0.3477



19.0785, 0.2774, 0.2987



19.0785, 0.3298, 0.3113

Rectangle

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



19.0785, 0.3490, 0.3588



19.0785, 0.3220, 0.3637



19.0785, 0.2774, 0.2987



19.0785, 0.3024, 0.2969

Sweetspot

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



19.0794, 0.3490, 0.3588



38.2316, 0.3235, 0.3384



15.8663, 0.3365, 0.3048



8.8659, 0.3243, 0.3390



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



19.0794, 0.3490, 0.3588



32.2853, 0.3579, 0.3654



22.2611, 0.3426, 0.3817



5.0836, 0.3267, 0.3410



9.3687, 0.5216, 0.4241



0.0470, 0.4681, 0.4665

Inverse Universe

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



17.0307, 0.2792, 0.2973



28.0529, 0.2718, 0.2896



14.3366, 0.2792, 0.2709



4.8621, 0.2992, 0.3167



4.6566, 0.1738, 0.1457



0.0303, 0.1961, 0.2258

Previews

White Background



This preview shows how the Yxy color 19.0785, 0.3490, 0.3588 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 19.0785, 0.3490, 0.3588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

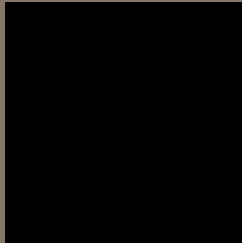
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0785, 0.3490, 0.3588

Background



This preview shows how black text looks on a background with the Yxy color 19.0785, 0.3490, 0.3588.



This preview shows how white text looks on a background with the Yxy color 19.0785, 0.3490, 0.3588.

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

19.0785, 0.3490, 0.3588

Protanopia

19.1862, 0.3405, 0.3612

Deuteranopia

18.9792, 0.3584, 0.3508



Tritanopia

19.1223, 0.3263, 0.3130

Trichromacy



Original Color

19.0785, 0.3490, 0.3588

Protanomaly

19.0995, 0.3435, 0.3591

Deuteranomaly

18.9563, 0.3539, 0.3529

Tritanomaly

19.0753, 0.3347, 0.3291

Monochromacy



Original Color

19.0785, 0.3490, 0.3588

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

19.0078, 0.3261, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0785, 0.3490, 0.3588 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(132, 119, 103)` looks like.

```
.text, #text, p{  
    color:rgb(132, 119, 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(132, 119, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 119, 103) }
```

Border

The CSS property to change the border of an element to Yxy 19.0785, 0.3490, 0.3588 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(132, 119, 103) }
```

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

```
.border{ border-color:rgb(132, 119, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 119, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 119, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 119, 103);  
box-shadow:4px 4px 4px 4px rgb(132, 119,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0785, 0.3490, 0.3588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 119, 103) }
```

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

```
.background{ background-color: rgb(132,  
119, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor