

Converting Colors

$Y_{xy}(25.6121, 0.3856, 0.3416)$

Have a look what the booklet for
Yxy(25.6121, 0.3856, 0.3416)
contains.

Yxy(25.5768, 0.3849, 0.3411)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.5768, 0.3849, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	B17E76
RGB	177, 126, 118
RGB Percent	69%, 49%, 46%
CMY	0.3059, 0.5059, 0.5374
CMYK	0.00, 0.29, 0.33, 0.31
HSL	8°, 27%, 58%
HSV	8°, 33%, 69%
XYZ	28.8611, 25.5768, 20.5454
YIQ	140.3370, 32.9640, 8.3240

Conversions

Conversions Part 2

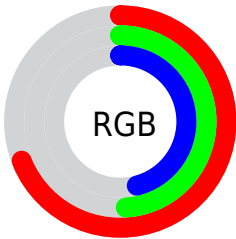
Format	Color
R _Y B	177, 127, 118
Decimal	11632246
CIE Lab	57.63, 18.68, 12.24
CIE LCh	58, 22.337, 33.229
Yxy	25.5768, 0.3849, 0.3411
Android (android.graphics.Color)	4289822326 (0xFFB17E76)
YUV	140.3370, -11.0121, 32.1535
Hunter-Lab	50.5735, 13.3619, 11.3150

Details

The Yxy color **25.5768, 0.3849, 0.3411** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **35.3865, 0.2645, 0.3164**, and the grayscale version is **26.3975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6349, 0.3695, 0.3393**, and **9.9609, 0.4116, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **21.5797, 0.4170, 0.3448**, and if you desaturate by 10%, it is **30.2530, 0.3581, 0.3373**.

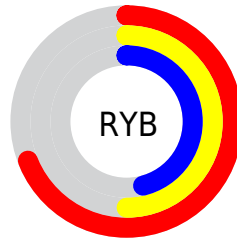
Distribution



Red (69%)

Green (49%)

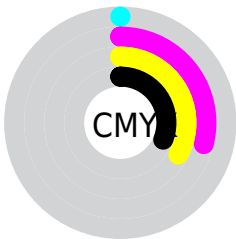
Blue (46%)



Red (69%)

Yellow (50%)

Blue (46%)

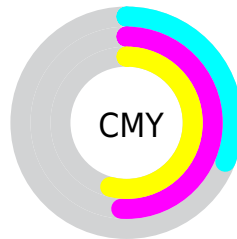


Cyan (0%)

Magenta (29%)

Yellow (33%)

Black (31%)



Cyan (31%)


Magenta (51%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5768, 0.3849, 0.3411 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 25.5768, 0.3849, 0.3411 by changing the saturation by 10% instead.


 25.5768, 0.3849,
0.3411


 25.5768, 0.3849,
0.3411


280.6984, 0.3448,
0.3354


 16.5073, 0.3964,
0.3423


 52.5914, 0.3693,
0.3392

 9.8838, 0.4122,
0.3435


 71.3054, 0.3637,
0.3384

 5.3220, 0.4352,
0.3446

 94.0029, 0.3592,
0.3378

 2.4374, 0.4712,
0.3446

121.0684, 0.3554,
0.3372

 0.8450, 0.5943,
0.3770

152.8863, 0.3521,
0.3367

 0.0000, 1.0000,
0.0000


189.8410, 0.3494,


 0.0000, 0.0000,


0.3362


0.0000

232.3169, 0.3470,
0.3358


 25.5768, 0.3849,
0.3411


 25.5768, 0.3849,
0.3411


 21.5797, 0.4170,
0.3448


 30.2530, 0.3581,
0.3373


 18.2266, 0.4544,
0.3479

 35.6340, 0.3361,
0.3336


 15.4847, 0.4962,
0.3499


 41.7487, 0.3180,
0.3301

 13.3168, 0.5397,
0.3501

 48.6234, 0.3032,
0.3269


 11.6817, 0.5801,
0.3478

 56.2828, 0.2910,
0.3240

 10.5325, 0.6118,
0.3432

 64.7508, 0.2809,
0.3213

 10.0046, 0.6274,
0.3400

 74.0501, 0.2726,
0.3189

 83.9046, 0.2678,
0.3216

 88.0873, 0.2686,
0.3289

Harmonies

Analogous

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



25.5768, 0.3616, 0.3104



25.5768, 0.3849, 0.3411



25.5768, 0.3872, 0.3709

Triad

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



25.5768, 0.3849, 0.3411



25.5768, 0.2972, 0.3799



25.5768, 0.2578, 0.2680

Complementary

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



25.5768, 0.3849, 0.3411



35.3865, 0.2645, 0.3164

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.



25.5768, 0.2431, 0.2817



25.5768, 0.3849, 0.3411



25.5768, 0.2647, 0.3466

Square

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



25.5768, 0.3849, 0.3411



25.5768, 0.3352, 0.3968



25.5768, 0.2455, 0.3098



25.5768, 0.2871, 0.2696

Rectangle

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



25.5768, 0.3849, 0.3411



25.5768, 0.3767, 0.3866



25.5768, 0.2455, 0.3098



25.5768, 0.2511, 0.2709

Sweetspot

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



25.5780, 0.3849, 0.3411



67.1561, 0.3299, 0.3325



25.1665, 0.3252, 0.2575



14.2387, 0.3325, 0.3329



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.



25.5780, 0.3849, 0.3411



40.4428, 0.4079, 0.3438



34.2161, 0.3712, 0.3828



8.6857, 0.3284, 0.3322



7.3024, 0.6260, 0.3411



0.2885, 0.5847, 0.3739

Inverse Universe

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



35.3865, 0.2645, 0.3164



60.6893, 0.2553, 0.3132



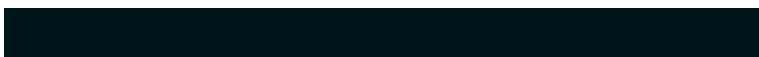
25.6675, 0.2585, 0.2684



9.4303, 0.2986, 0.3258



18.8483, 0.2128, 0.2860



0.6473, 0.2164, 0.2991

Previews

White Background



This preview shows how the Yxy color 25.5768, 0.3849, 0.3411 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 25.5768, 0.3849, 0.3411 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 25.5768, 0.3849, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 25.5768, 0.3849, 0.3411.



This preview shows how white text looks on a background with the Yxy color 25.5768, 0.3849, 0.3411.

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

25.5768, 0.3849, 0.3411

Protanopia

25.6519, 0.3353, 0.3524

Deuteranopia

25.5330, 0.3624, 0.3546



Tritanopia

25.6925, 0.3694, 0.3161

Trichromacy



Original Color

25.5768, 0.3849, 0.3411

Protanomaly

25.6234, 0.3527, 0.3483

Deuteranomaly

25.3566, 0.3709, 0.3494

Tritanomaly

25.6907, 0.3741, 0.3248

Monochromacy



Original Color

25.5768, 0.3849, 0.3411

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.7662, 0.3365, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5768, 0.3849, 0.3411 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(177, 126, 118)` looks like.

```
.text, #text, p{  
    color:rgb(177, 126, 118)  
}
```

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(177, 126, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 126, 118) }
```

Border

The CSS property to change the border of an element to Yxy 25.5768, 0.3849, 0.3411 is called "border". The border property can be set on classes, ids or directly on the HTML element.

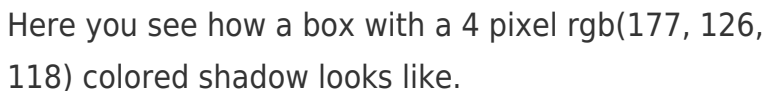
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 126, 118) }
```

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

```
.border{ border-color:rgb(177, 126, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 126, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 126, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 126, 118); box-shadow:4px 4px 4px 4px rgb(177, 126, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5768, 0.3849, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 126, 118) }
```

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

```
.background{ background-color: rgb(177,  
126, 118) }
```

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