

Converting Colors

$Yxy(24.9907, 0.4583, 0.3800)$

Have a look what the booklet for
Yxy(24.9907, 0.4583, 0.3800)
contains.

Yxy(24.9907, 0.4583, 0.3800)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.9907, 0.4583, 0.3800)

Conversions

Conversions Part 1

Format	Color
Hex	C2764F
RGB	194, 118, 79
RGB Percent	76%, 46%, 31%
CMY	0.2392, 0.5373, 0.6902
CMYK	0.00, 0.39, 0.59, 0.24
HSL	20°, 49%, 54%
HSV	20°, 59%, 76%
XYZ	30.1401, 24.9907, 10.6342
YIQ	136.2780, 57.8150, 3.9830

Conversions

Conversions Part 2

Format	Color
RYB	194, 138, 79
Decimal	12744271
CIELab	57.07, 26.02, 33.87
CIElCh	57, 42.713, 52.469
Yxy	24.9907, 0.4583, 0.3800
Android (android.graphics.Color)	4290934351 (0xFFC2764F)
YUV	136.2780, -28.2381, 50.6222
Hunter-Lab	49.9907, 20.1365, 22.3811

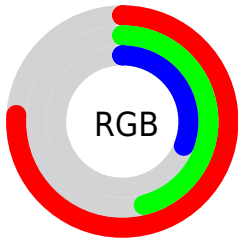
Details

The Yxy color **24.9907, 0.4583, 0.3800** is a dark color, and the websafe version is hex **996633**.

The color can be described as dark muted orange. A complement of this color would be **29.0083, 0.2264, 0.2660**, and the grayscale version is **24.8229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7816, 0.4279, 0.3730**, and **9.6003, 0.5066, 0.3873** is the 20% darker color. If you saturate the color by 10%, you get **21.9317, 0.4932, 0.3846**, and if you desaturate by 10%, it is **28.5453, 0.4254, 0.3728**.

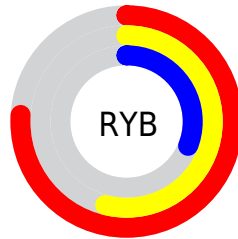
Distribution



Red (76%)

Green (46%)

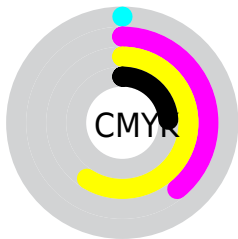
Blue (31%)



Red (76%)

Yellow (54%)

Blue (31%)

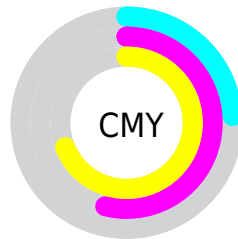


Cyan (0%)

Magenta (39%)

Yellow (59%)

Black (24%)



Cyan (24%)


Magenta (54%)

Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9907, 0.4583, 0.3800 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 24.9907, 0.4583, 0.3800 by changing the saturation by 10% instead.


 24.9907, 0.4583,
0.3800


 24.9907, 0.4583,
0.3800


277.7916, 0.3785,
0.3570


 16.0701, 0.4799,
0.3838


 51.6421, 0.4279,
0.3728


 9.5738, 0.5080,
0.3868


 70.1418, 0.4168,
0.3697


 5.1173, 0.5453,
0.3871

 92.6033, 0.4077,
0.3670

 2.3162, 0.6112,
0.3888

 119.4109, 0.4000,
0.3645

 0.7823, 0.6574,
0.3426

 150.9492, 0.3934,
0.3623

 0.0000, 1.0000,
0.0000

187.6025, 0.3877,

 0.0000, 0.0000,

0.3604

0.0000

229.7552, 0.3828,
0.3586

■ 24.9907, 0.4583,
0.3800

■ 24.9907, 0.4583,
0.3800

■ 21.9317, 0.4932,
0.3846

■ 28.5453, 0.4254,
0.3728

■ 19.3407, 0.5278,
0.3853

■ 32.6137, 0.3956,
0.3642

■ 17.1926, 0.5592,
0.3812

■ 37.2178, 0.3695,
0.3549

■ 15.4531, 0.5850,
0.3728

■ 42.3770, 0.3471,
0.3457

■ 15.3408, 0.5868,
0.3722

■ 48.1096, 0.3279,
0.3368

■ 54.4331, 0.3116,
0.3284

■ 61.3642, 0.2978,
0.3207

■ 68.9190, 0.2861,
0.3136

■ 77.1127, 0.2761,
0.3071

Harmonies

Analogous

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



24.9907, 0.4408, 0.3255



24.9907, 0.4583, 0.3800



24.9907, 0.4318, 0.4309

Triad

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



24.9907, 0.4583, 0.3800



24.9907, 0.2402, 0.3897



24.9907, 0.2419, 0.2187

Complementary

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



24.9907, 0.4583, 0.3800



29.0083, 0.2264, 0.2660

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.



24.9907, 0.2002, 0.2223



24.9907, 0.4583, 0.3800



24.9907, 0.1984, 0.3120

Square

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



24.9907, 0.4583, 0.3800



24.9907, 0.3044, 0.4506



24.9907, 0.1854, 0.2526



24.9907, 0.3072, 0.2379

Rectangle

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



24.9907, 0.4583, 0.3800



24.9907, 0.3960, 0.4555



24.9907, 0.1854, 0.2526



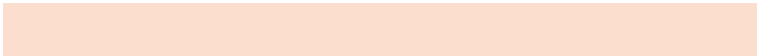
24.9907, 0.2251, 0.2172

Sweetspot

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



24.9920, 0.4583, 0.3800



77.7482, 0.3450, 0.3448



19.4536, 0.3697, 0.2319



16.3887, 0.3512, 0.3475



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



24.9920, 0.4583, 0.3800



38.3074, 0.5032, 0.3852



42.6344, 0.4094, 0.4480



10.6236, 0.3281, 0.3369



10.2226, 0.5844, 0.3741



0.5707, 0.5406, 0.4089

Inverse Universe

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



29.0083, 0.2264, 0.2660



46.0417, 0.2124, 0.2495



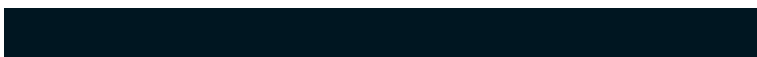
14.3269, 0.2051, 0.1694



10.8346, 0.2984, 0.3210



12.9072, 0.1932, 0.2154



0.6811, 0.2010, 0.2437

Previews

White Background



This preview shows how the Yxy color 24.9907, 0.4583, 0.3800 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 24.9907, 0.4583, 0.3800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

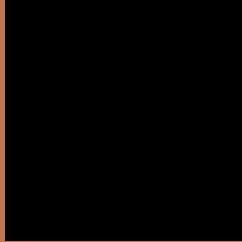
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9907, 0.4583, 0.3800

Background



This preview shows how black text looks on a background with the Yxy color 24.9907, 0.4583, 0.3800.



This preview shows how white text looks on a background with the Yxy color 24.9907, 0.4583, 0.3800.

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

24.9907, 0.4583, 0.3800

Protanopia

25.0472, 0.3825, 0.4129

Deuteranopia

25.0792, 0.4193, 0.4113



Tritanopia

25.0610, 0.4117, 0.3186

Trichromacy



Original Color

24.9907, 0.4583, 0.3800

Protanomaly

24.6968, 0.4103, 0.4010

Deuteranomaly

24.8046, 0.4335, 0.3993

Tritanomaly

25.0378, 0.4294, 0.3414

Monochromacy



Original Color

24.9907, 0.4583, 0.3800

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.1064, 0.3627, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9907, 0.4583, 0.3800 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(194, 118, 79)` looks like.

```
.text, #text, p{  
    color:rgb(194, 118, 79)  
}
```

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(194, 118, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 118, 79) }
```

Border

The CSS property to change the border of an element to Yxy 24.9907, 0.4583, 0.3800 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(194, 118, 79) }
```

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

```
.border{ border-color:rgb(194, 118, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 118, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 118, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 118, 79);  
box-shadow:4px 4px 4px 4px rgb(194, 118,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9907, 0.4583, 0.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 118, 79) }
```

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

```
.background{ background-color: rgb(194,  
118, 79) }
```

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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