

Converting Colors

$Yxy(16.0634, 0.3789, 0.2893)$

Have a look what the booklet for
Yxy(16.0634, 0.3789, 0.2893)
contains.

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Color

Yxy(16.0122, 0.3782, 0.2884)

Conversions

Conversions Part 1

Format	Color
Hex	9E5B74
RGB	158, 91, 116
RGB Percent	62%, 36%, 45%
CMY	0.3803, 0.6432, 0.5450
CMYK	0.00, 0.42, 0.27, 0.38
HSL	338°, 27%, 49%
HSV	338°, 42%, 62%
XYZ	20.9980, 16.0122, 18.5106
YIQ	113.8830, 31.9070, 21.9790

Conversions

Conversions Part 2

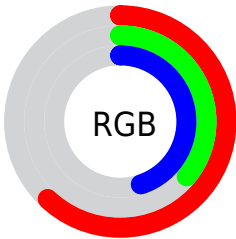
Format	Color
R_{YB}	158, 91, 116
Decimal	10378100
CIE _{Lab}	46.99, 30.75, -2.19
CIE _{LCh}	47, 30.829, 355.927
Yxy	16.0122, 0.3782, 0.2884
Android (android.graphics.Color)	4288568180 (0xFF9E5B74)
YUV	113.8830, 1.0437, 38.6906
Hunter-Lab	40.0152, 23.6410, 0.5837

Details

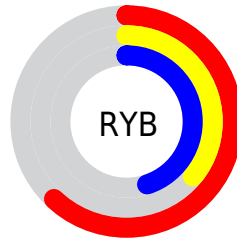
The Yxy color **16.0122, 0.3782, 0.2884** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.3788, 0.2744, 0.3747**, and the grayscale version is **16.7802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4693, 0.3625, 0.2973**, and **5.1484, 0.4084, 0.2719** is the 20% darker color. If you saturate the color by 10%, you get **13.3718, 0.4022, 0.2795**, and if you desaturate by 10%, it is **19.2475, 0.3578, 0.2981**.

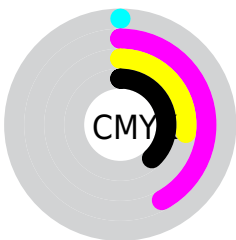
Distribution



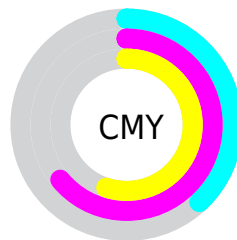
- Red (62%)
- Green (36%)
- Blue (45%)



- Red (62%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (42%)
- Yellow (27%)
- Black (38%)



- Cyan (38%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.0122, 0.3782, 0.2884 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 16.0122, 0.3782, 0.2884 by changing the saturation by 10% instead.


 16.0122, 0.3782,
0.2884


 16.0122, 0.3782,
0.2884


229.4137, 0.3399,
0.3119


 9.5328, 0.3903,
0.2811


 36.6194, 0.3626,
0.2979


 5.0903, 0.4077,
0.2707

 51.5159, 0.3573,
0.3012

 2.3003, 0.4352,
0.2545

 69.9870, 0.3530,
0.3038

 0.7739, 0.4847,
0.2253

 92.4170, 0.3495,
0.3060

 0.0000, 1.0000,
0.0000

119.1902, 0.3465,
0.3078

 0.0000, 0.0000,
0.0000

150.6912, 0.3440,

0.3094

187.3042, 0.3418,
0.3107

■ 16.0122, 0.3782,
0.2884

■ 16.0122, 0.3782,
0.2884

■ 13.3718, 0.4022,
0.2795

■ 19.2475, 0.3578,
0.2981

■ 11.2874, 0.4296,
0.2723

■ 23.1092, 0.3408,
0.3081

■ 9.7186, 0.4600,
0.2680


■ 27.6289, 0.3268,
0.3177

■ 8.6189, 0.4918,
0.2677


■ 32.8358, 0.3152,
0.3269

■ 7.9331, 0.5230,
0.2724

■ 38.7570, 0.3057,
0.3354

 7.5871, 0.5456,
0.2779

 45.4184, 0.2978,
0.3433

 52.8445, 0.2914,
0.3506

 61.0585, 0.2861,
0.3572

 70.0829, 0.2817,
0.3632

Harmonies

Analogous

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



16.0122, 0.3159, 0.2538



16.0122, 0.3782, 0.2884



16.0122, 0.4236, 0.3329

Triad

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



16.0122, 0.3782, 0.2884



16.0122, 0.3601, 0.4414



16.0122, 0.2036, 0.2610

Complementary

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



16.0122, 0.3782, 0.2884



28.3788, 0.2744, 0.3747

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.



16.0122, 0.2127, 0.3092



16.0122, 0.3782, 0.2884



16.0122, 0.3002, 0.4248

Square

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



16.0122, 0.3782, 0.2884



16.0122, 0.4100, 0.4211



16.0122, 0.2466, 0.3722



16.0122, 0.2194, 0.2365

Rectangle

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



16.0122, 0.3782, 0.2884



16.0122, 0.4352, 0.3645



16.0122, 0.2466, 0.3722



16.0122, 0.2039, 0.2745

Sweetspot

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



16.0130, 0.3782, 0.2884



49.4271, 0.3278, 0.3169



14.8816, 0.2841, 0.2170



10.7357, 0.3306, 0.3149



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



16.0130, 0.3782, 0.2884



24.4580, 0.4011, 0.2798



16.9142, 0.4134, 0.3422



6.6851, 0.3229, 0.3207



6.0817, 0.5435, 0.2768



0.1166, 0.4450, 0.2225

Inverse Universe

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



16.0130, 0.3782, 0.2884



24.4580, 0.4011, 0.2798



26.5705, 0.2540, 0.3150



6.6851, 0.3229, 0.3207



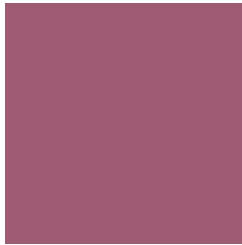
6.0817, 0.5435, 0.2768



0.1166, 0.4450, 0.2225

Previews

White Background



This preview shows how the Yxy color 16.0122, 0.3782, 0.2884 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 16.0122, 0.3782, 0.2884 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 16.0122, 0.3782, 0.2884

Background



This preview shows how black text looks on a background with the Yxy color 16.0122, 0.3782, 0.2884.



This preview shows how white text looks on a background with the Yxy color 16.0122, 0.3782, 0.2884.

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

16.0122, 0.3782, 0.2884

Protanopia

16.1786, 0.2901, 0.2954

Deuteranopia

16.0550, 0.3255, 0.3193



Tritanopia

16.1131, 0.3993, 0.3177

Trichromacy



Original Color

16.0122, 0.3782, 0.2884

Protanomaly

15.8679, 0.3186, 0.2915

Deuteranomaly

15.8685, 0.3440, 0.3070

Tritanomaly

16.0374, 0.3919, 0.3077

Monochromacy



Original Color

16.0122, 0.3782, 0.2884

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.2917, 0.3344, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.0122, 0.3782, 0.2884 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(158, 91, 116)` looks like.

```
.text, #text, p{  
    color:rgb(158, 91, 116)  
}
```

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(158, 91, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 91, 116) }
```

Border

The CSS property to change the border of an element to Yxy 16.0122, 0.3782, 0.2884 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(158, 91, 116) }
```

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

```
.border{ border-color:rgb(158, 91, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 91, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 91, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 91, 116);  
box-shadow:4px 4px 4px 4px rgb(158, 91,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 16.0122, 0.3782, 0.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 91, 116) }
```

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

```
.background{ background-color: rgb(158, 91,  
116) }
```

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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