

Converting Colors

$Y_{xy}(18.9599, 0.4029, 0.3980)$

Have a look what the booklet for
Yxy(18.9599, 0.4029, 0.3980)
contains.

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Color

Yxy(19.0323, 0.4026, 0.3985)

Conversions

Conversions Part 1

Format	Color
Hex	91744C
RGB	145, 116, 76
RGB Percent	57%, 45%, 30%
CMY	0.4313, 0.5451, 0.7019
CMYK	0.00, 0.20, 0.48, 0.43
HSL	35°, 31%, 43%
HSV	35°, 48%, 57%
XYZ	19.2281, 19.0323, 9.4994
YIQ	120.1110, 30.1240, -6.2920

Conversions

Conversions Part 2

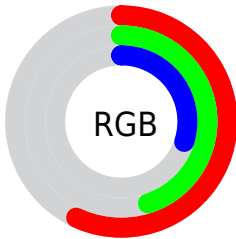
Format	Color
R_{YB}	126, 145, 76
Decimal	9532492
CIE _{Lab}	50.72, 5.91, 26.34
CIE _{LCh}	51, 26.994, 77.351
Yxy	19.0323, 0.4026, 0.3985
Android (android.graphics.Color)	4287722572 (0xFF91744C)
YUV	120.1110, -21.7467, 21.8277
Hunter-Lab	43.6260, 2.3281, 17.6280

Details

The Yxy color **19.0323, 0.4026, 0.3985** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.6882, 0.2365, 0.2463**, and the grayscale version is **18.8843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.7653, 0.3825, 0.3847**, and **6.5603, 0.4380, 0.4208** is the 20% darker color. If you saturate the color by 10%, you get **17.4940, 0.4258, 0.4116**, and if you desaturate by 10%, it is **20.7101, 0.3804, 0.3840**.

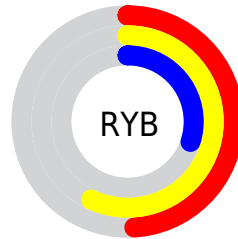
Distribution



Red (57%)

Green (45%)

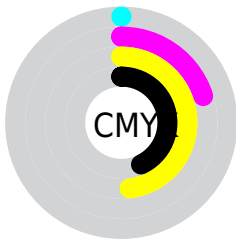
Blue (30%)



Red (49%)

Yellow (57%)

Blue (30%)

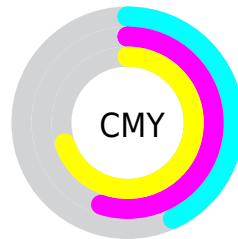


Cyan (0%)

Magenta (20%)

Yellow (48%)

Black (43%)



Cyan (43%)


Magenta (55%)

Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0323, 0.4026, 0.3985 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 19.0323, 0.4026, 0.3985 by changing the saturation by 10% instead.


 19.0323, 0.4026,
0.3985


 19.0323, 0.4026,
0.3985


246.6270, 0.3514,
0.3602


 11.6936, 0.4175,
0.4089


 41.7887, 0.3824,
0.3839


 6.5354, 0.4377,
0.4222


 57.9752, 0.3753,
0.3786


 3.1733, 0.4678,
0.4409

 77.8797, 0.3695,
0.3742

 1.2229, 0.5248,
0.4752

 101.8867, 0.3647,
0.3705

 0.0803, 0.7332,
0.2668

 130.3805, 0.3606,
0.3673

 0.0000, 0.0000,
0.0000

163.7456, 0.3571,

0.3646

202.3663, 0.3541,
0.3623

■ 19.0323, 0.4026,
0.3985

■ 19.0323, 0.4026,
0.3985

■ 17.4940, 0.4258,
0.4116

■ 20.7101, 0.3804,
0.3840

■ 16.0877, 0.4494,
0.4222

■ 22.5292, 0.3599,
0.3690

■ 14.8090, 0.4721,
0.4293

■ 24.4948, 0.3411,
0.3540

■ 13.6519, 0.4928,
0.4318

■ 26.6109, 0.3243,
0.3395

■ 12.6072, 0.5108,
0.4297

■ 28.8813, 0.3092,
0.3258

■ 12.3680, 0.5153,
0.4291

■ 31.3097, 0.2959,
0.3129

■ 33.8995, 0.2842,
0.3010

■ 36.6542, 0.2738,
0.2900

■ 39.5771, 0.2647,
0.2799

Harmonies

Analogous

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



19.0323, 0.4143, 0.3623



19.0323, 0.4026, 0.3985



19.0323, 0.3665, 0.4199

Triad

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



19.0323, 0.4026, 0.3985



19.0323, 0.2351, 0.3278



19.0323, 0.3011, 0.2593

Complementary

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



19.0323, 0.4026, 0.3985



13.6882, 0.2365, 0.2463

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.



19.0323, 0.2563, 0.2482



19.0323, 0.4026, 0.3985



19.0323, 0.2207, 0.2828

Square

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



19.0323, 0.4026, 0.3985



19.0323, 0.2697, 0.3785



19.0323, 0.2282, 0.2555



19.0323, 0.3530, 0.2856

Rectangle

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



19.0323, 0.4026, 0.3985



19.0323, 0.3345, 0.4196



19.0323, 0.2282, 0.2555



19.0323, 0.2848, 0.2537

Sweetspot

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



19.0332, 0.4026, 0.3985



45.0785, 0.3354, 0.3491



12.2295, 0.3817, 0.2769



9.8678, 0.3387, 0.3520



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



19.0332, 0.4026, 0.3985



31.1665, 0.4273, 0.4123



26.3857, 0.3753, 0.4438



5.9105, 0.3268, 0.3417



10.6594, 0.5145, 0.4297



0.1456, 0.4641, 0.4697

Inverse Universe

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



13.6882, 0.2365, 0.2463



20.4305, 0.2196, 0.2236



8.9471, 0.2306, 0.1866



5.6043, 0.2990, 0.3159



4.6618, 0.1714, 0.1368



0.0866, 0.1941, 0.2188

Previews

White Background



This preview shows how the Yxy color 19.0323, 0.4026, 0.3985 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 19.0323, 0.4026, 0.3985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

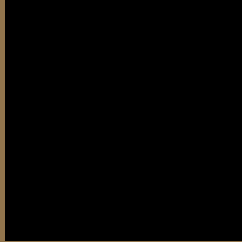
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0323, 0.4026, 0.3985

Background



This preview shows how black text looks on a background with the Yxy color 19.0323, 0.4026, 0.3985.



This preview shows how white text looks on a background with the Yxy color 19.0323, 0.4026, 0.3985.

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

19.0323, 0.4026, 0.3985

Protanopia

19.1303, 0.3786, 0.4086

Deuteranopia

19.1236, 0.4040, 0.3981



Tritanopia

19.0903, 0.3538, 0.3155

Trichromacy



Original Color

19.0323, 0.4026, 0.3985

Protanomaly

19.0478, 0.3881, 0.4050

Deuteranomaly

19.1236, 0.4040, 0.3981

Tritanomaly

19.0854, 0.3734, 0.3465

Monochromacy



Original Color

19.0323, 0.4026, 0.3985

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.8603, 0.3438, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0323, 0.4026, 0.3985 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(145, 116, 76)` looks like.

```
.text, #text, p{  
    color:rgb(145, 116, 76)  
}
```

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(145, 116, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 116, 76) }
```

Border

The CSS property to change the border of an element to Yxy 19.0323, 0.4026, 0.3985 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(145, 116, 76) }
```

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

```
.border{ border-color:rgb(145, 116, 76) }
```

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

Here you see how a box with a 4 pixel rgb(145, 116, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 116, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 116, 76);  
box-shadow:4px 4px 4px 4px rgb(145, 116,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0323, 0.4026, 0.3985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 116, 76) }
```

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

```
.background{ background-color: rgb(145,  
116, 76) }
```

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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