

Converting Colors

$Y_{xy}(18.3645, 0.4099, 0.4157)$

Have a look what the booklet for
Yxy(18.3645, 0.4099, 0.4157)
contains.

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Color

Yxy(18.3175, 0.4099, 0.4149)

Conversions

Conversions Part 1

Format	Color
Hex	8D7342
RGB	141, 115, 66
RGB Percent	55%, 45%, 26%
CMY	0.4471, 0.5490, 0.7412
CMYK	0.00, 0.18, 0.53, 0.45
HSL	39°, 36%, 41%
HSV	39°, 53%, 55%
XYZ	18.0968, 18.3175, 7.7349
YIQ	117.1880, 31.2250, -9.7270

Conversions

Conversions Part 2

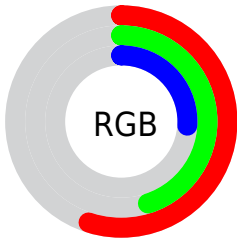
Format	Color
R_{YB}	106, 141, 66
Decimal	9270082
CIE _{Lab}	49.88, 3.68, 30.75
CIE _{LCh}	50, 30.973, 83.168
Yxy	18.3175, 0.4099, 0.4149
Android (android.graphics.Color)	4287460162 (0xFF8D7342)
YUV	117.1880, -25.2357, 20.8831
Hunter-Lab	42.7989, 0.5773, 19.2439

Details

The Yxy color **18.3175, 0.4099, 0.4149** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.7301, 0.2252, 0.2222**, and the grayscale version is **17.9230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6110, 0.3880, 0.3971**, and **6.1395, 0.4456, 0.4443** is the 20% darker color. If you saturate the color by 10%, you get **17.0875, 0.4307, 0.4282**, and if you desaturate by 10%, it is **19.6493, 0.3891, 0.3996**.

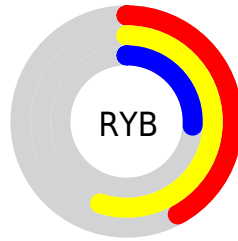
Distribution



 Red (55%)

 Green (45%)

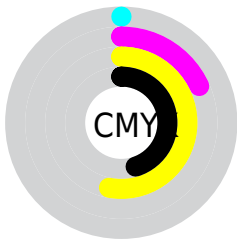
 Blue (26%)



 Red (42%)

 Yellow (55%)

 Blue (26%)

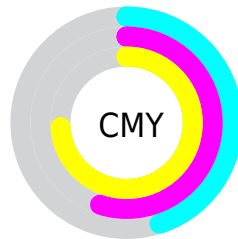


 Cyan (0%)


 Magenta (18%)

 Yellow (53%)

 Black (45%)



 Cyan (45%)


 Magenta (55%)


 Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3175, 0.4099, 0.4149 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 18.3175, 0.4099, 0.4149 by changing the saturation by 10% instead.


 18.3175, 0.4099,
0.4149


 18.3175, 0.4099,
0.4149


242.6546, 0.3549,
0.3673


 11.1782, 0.4254,
0.4277


 40.5776, 0.3884,
0.3967

 6.1868, 0.4458,
0.4438

 56.4672, 0.3808,
0.3901


 2.9590, 0.4850,
0.4755

 76.0423, 0.3745,
0.3847

 1.1104, 0.5117,
0.4883

 99.6873, 0.3693,
0.3801

 0.0000, 1.0000,
0.0000

 127.7866, 0.3649,
0.3762

 0.0000, 0.0000,
0.0000

160.7247, 0.3611,

0.3728

198.8859, 0.3578,
0.3699

■ 18.3175, 0.4099,
0.4149

■ 18.3175, 0.4099,
0.4149

■ 17.0875, 0.4307,
0.4282

■ 19.6493, 0.3891,
0.3996

■ 15.9526, 0.4508,
0.4384

■ 21.0839, 0.3692,
0.3831

■ 14.9094, 0.4691,
0.4445

■ 22.6255, 0.3504,
0.3663

■ 13.9527, 0.4848,
0.4459

■ 24.2774, 0.3331,
0.3498

■ 13.3416, 0.4948,
0.4453

■ 26.0425, 0.3174,
0.3339

■ 27.9236, 0.3032,
0.3189

■ 29.9235, 0.2906,
0.3048

■ 32.0449, 0.2793,
0.2918

■ 34.2902, 0.2692,
0.2798

Harmonies

Analogous

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



18.3175, 0.4305, 0.3746



18.3175, 0.4099, 0.4149



18.3175, 0.3637, 0.4364

Triad

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



18.3175, 0.4099, 0.4149



18.3175, 0.2183, 0.3154



18.3175, 0.3104, 0.2540

Complementary

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



18.3175, 0.4099, 0.4149



10.7301, 0.2252, 0.2222

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.



18.3175, 0.2562, 0.2376



18.3175, 0.4099, 0.4149



18.3175, 0.2072, 0.2670

Square

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



18.3175, 0.4099, 0.4149



18.3175, 0.2533, 0.3759



18.3175, 0.2203, 0.2411



18.3175, 0.3705, 0.2864

Rectangle

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



18.3175, 0.4099, 0.4149



18.3175, 0.3256, 0.4323



18.3175, 0.2203, 0.2411



18.3175, 0.2908, 0.2466

Sweetspot

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



18.3184, 0.4099, 0.4149



42.5316, 0.3384, 0.3550



10.3342, 0.4064, 0.2824



9.3813, 0.3415, 0.3579



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



18.3184, 0.4099, 0.4149



30.1494, 0.4352, 0.4307



24.1642, 0.3739, 0.4592



5.9751, 0.3266, 0.3433



12.1978, 0.4944, 0.4456



0.1579, 0.4539, 0.4778

Inverse Universe

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



10.7301, 0.2252, 0.2222



15.0791, 0.2054, 0.1924



7.4063, 0.2269, 0.1709



5.5415, 0.2990, 0.3142



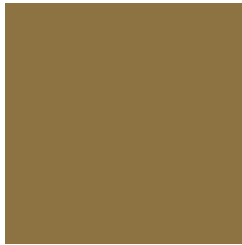
3.7719, 0.1655, 0.1158



0.0743, 0.1883, 0.1980

Previews

White Background



This preview shows how the Yxy color 18.3175, 0.4099, 0.4149 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 18.3175, 0.4099, 0.4149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

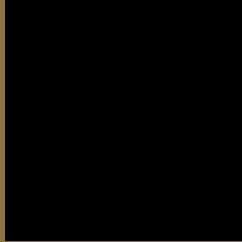
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.3175, 0.4099, 0.4149

Background



This preview shows how black text looks on a background with the Yxy color 18.3175, 0.4099, 0.4149.



This preview shows how white text looks on a background with the Yxy color 18.3175, 0.4099, 0.4149.

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

18.3175, 0.4099, 0.4149

Protanopia

18.3447, 0.3899, 0.4254

Deuteranopia

18.2233, 0.4174, 0.4097



Tritanopia

18.3326, 0.3531, 0.3153

Trichromacy



Original Color

18.3175, 0.4099, 0.4149

Protanomaly

18.4304, 0.3963, 0.4217

Deuteranomaly

18.3573, 0.4150, 0.4118

Tritanomaly

18.1800, 0.3757, 0.3522

Monochromacy



Original Color

18.3175, 0.4099, 0.4149

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.8082, 0.3484, 0.3638

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3175, 0.4099, 0.4149 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(141, 115, 66)` looks like.

```
.text, #text, p{  
    color:rgb(141, 115, 66)  
}
```

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(141, 115, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 115, 66) }
```

Border

The CSS property to change the border of an element to Yxy 18.3175, 0.4099, 0.4149 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(141, 115, 66) }
```

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

```
.border{ border-color:rgb(141, 115, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 115, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 115, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 115, 66);  
box-shadow:4px 4px 4px 4px rgb(141, 115,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3175, 0.4099, 0.4149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 115, 66) }
```

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

```
.background{ background-color: rgb(141,  
115, 66) }
```

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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