

Converting Colors

$Y_{xy}(18.4623, 0.3482, 0.3184)$

Have a look what the booklet for
Yxy(18.4623, 0.3482, 0.3184)
contains.

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Color

Yxy(18.4929, 0.3484, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	8F6F75
RGB	143, 111, 117
RGB Percent	56%, 44%, 46%
CMY	0.4392, 0.5647, 0.5412
CMYK	0.00, 0.22, 0.18, 0.44
HSL	349°, 13%, 50%
HSV	349°, 22%, 56%
XYZ	20.2226, 18.4929, 19.3287
YIQ	121.2520, 17.1460, 8.6500

Conversions

Conversions Part 2

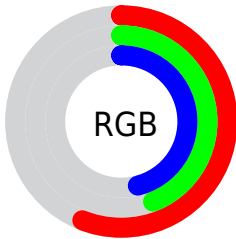
Format	Color
R _Y B	143, 111, 117
Decimal	9400181
CIE Lab	50.09, 13.63, 1.54
CIE LCh	50, 13.717, 6.458
Yxy	18.4929, 0.3484, 0.3186
Android (android.graphics.Color)	4287590261 (0xFF8F6F75)
YUV	121.2520, -2.0962, 19.0730
Hunter-Lab	43.0034, 8.6849, 3.4533

Details

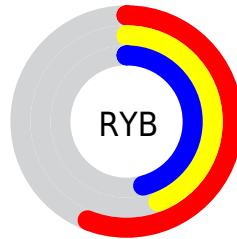
The Yxy color **18.4929, 0.3484, 0.3186** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.8322, 0.2859, 0.3397**, and the grayscale version is **19.2093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.9293, 0.3398, 0.3213**, and **6.2600, 0.3636, 0.3133** is the 20% darker color. If you saturate the color by 10%, you get **15.3620, 0.3705, 0.3137**, and if you desaturate by 10%, it is **22.1591, 0.3304, 0.3234**.

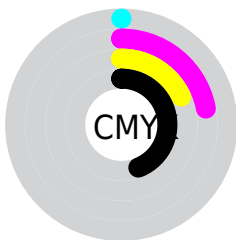
Distribution



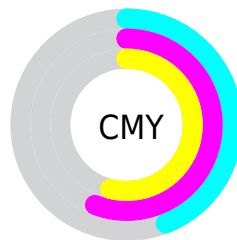
- Red (56%)
- Green (44%)
- Blue (46%)



- Red (56%)
- Yellow (44%)
- Blue (46%)



- Cyan (0%)
- Magenta (22%)
- Yellow (18%)
- Black (44%)




- Cyan (44%)
- Magenta (56%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.4929, 0.3484, 0.3186 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 18.4929, 0.3484, 0.3186 by changing the saturation by 10% instead.


 18.4929, 0.3484,
0.3186


 18.4929, 0.3484,
0.3186

243.6348, 0.3278,
0.3247


 11.3044, 0.3548,
0.3167


 40.8754, 0.3401,
0.3211

 6.2720, 0.3640,
0.3138


 56.8383, 0.3372,
0.3219

 3.0112, 0.3783,
0.3093

 76.4948, 0.3349,
0.3226

 1.1376, 0.4035,
0.3012

 100.2292, 0.3330,
0.3232

 0.0098, 0.9721,
0.0279

128.4261, 0.3314,
0.3237

 0.0000, 0.0000,
0.0000

161.4697, 0.3300,

0.3241

199.7444, 0.3288,
0.3244

■ 18.4929, 0.3484,
0.3186

■ 18.4929, 0.3484,
0.3186

■ 15.3620, 0.3705,
0.3137

■ 22.1591, 0.3304,
0.3234

■ 12.7389, 0.3972,
0.3089

■ 26.3813, 0.3158,
0.3280

■ 10.5975, 0.4291,
0.3046

■ 31.1824, 0.3039,
0.3322

■ 8.9082, 0.4658,
0.3016

■ 36.5831, 0.2942,
0.3360

■ 7.6384, 0.5060,
0.3006

■ 42.6032, 0.2862,
0.3396

■ 6.7509, 0.5464,
0.3024

■ 49.2614, 0.2797,
0.3428

■ 6.2019, 0.5828,
0.3074

■ 56.5758, 0.2742,
0.3457

■ 5.9178, 0.6066,
0.3115

■ 64.5636, 0.2697,
0.3483

■ 73.2416, 0.2659,
0.3507

Harmonies

Analogous

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



18.4929, 0.3244, 0.2998



18.4929, 0.3484, 0.3186



18.4929, 0.3627, 0.3405

Triad

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



18.4929, 0.3484, 0.3186



18.4929, 0.3259, 0.3741



18.4929, 0.2647, 0.2952

Complementary

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



18.4929, 0.3484, 0.3186



24.8322, 0.2859, 0.3397

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.



18.4929, 0.2652, 0.3141



18.4929, 0.3484, 0.3186



18.4929, 0.2997, 0.3611

Square

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



18.4929, 0.3484, 0.3186



18.4929, 0.3492, 0.3734



18.4929, 0.2777, 0.3385



18.4929, 0.2765, 0.2862

Rectangle

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



18.4929, 0.3484, 0.3186



18.4929, 0.3645, 0.3545



18.4929, 0.2777, 0.3385



18.4929, 0.2635, 0.3006

Sweetspot

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



18.4937, 0.3484, 0.3186



43.5079, 0.3224, 0.3258



18.6380, 0.3072, 0.2740



9.8907, 0.3231, 0.3256



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.



18.4937, 0.3484, 0.3186



30.0883, 0.3593, 0.3160



20.5663, 0.3530, 0.3459



5.4395, 0.3254, 0.3249



5.2347, 0.6055, 0.3109



0.0525, 0.5133, 0.2601

Inverse Universe

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



18.4937, 0.3484, 0.3186



30.0883, 0.3593, 0.3160



22.2487, 0.2794, 0.3114



5.4395, 0.3254, 0.3249



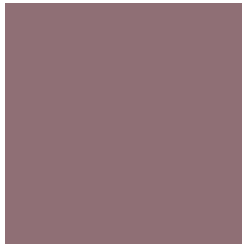
5.2347, 0.6055, 0.3109



0.0525, 0.5133, 0.2601

Previews

White Background



This preview shows how the Yxy color 18.4929, 0.3484, 0.3186 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 18.4929, 0.3484, 0.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

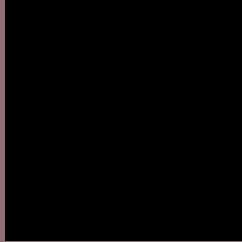
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.4929, 0.3484, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 18.4929, 0.3484, 0.3186.



This preview shows how white text looks on a background with the Yxy color 18.4929, 0.3484, 0.3186.

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

18.4929, 0.3484, 0.3186

Protanopia

18.6391, 0.3129, 0.3252

Deuteranopia

18.4280, 0.3338, 0.3272



Tritanopia

18.5404, 0.3457, 0.3151

Trichromacy



Original Color

18.4929, 0.3484, 0.3186

Protanomaly

18.5140, 0.3247, 0.3216

Deuteranomaly

18.5298, 0.3394, 0.3255

Tritanomaly

18.5165, 0.3470, 0.3168

Monochromacy



Original Color

18.4929, 0.3484, 0.3186

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.7458, 0.3245, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4929, 0.3484, 0.3186 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(143, 111, 117)` looks like.

```
.text, #text, p{  
    color:rgb(143, 111, 117)  
}
```

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(143, 111, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 111, 117) }
```

Border

The CSS property to change the border of an element to Yxy 18.4929, 0.3484, 0.3186 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(143, 111, 117) }
```

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

```
.border{ border-color:rgb(143, 111, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 111, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 111, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 111, 117);  
box-shadow:4px 4px 4px 4px rgb(143, 111,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4929, 0.3484, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 111, 117) }
```

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

```
.background{ background-color: rgb(143,  
111, 117) }
```

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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