

Converting Colors

$Y_{xy}(16.4345, 0.3755, 0.2931)$

Have a look what the booklet for
Yxy(16.4345, 0.3755, 0.2931)
contains.

Yxy(16.4345, 0.3755, 0.2931)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(16.4345, 0.3755, 0.2931)

Conversions

Conversions Part 1

Format	Color
Hex	9D5E74
RGB	157, 94, 116
RGB Percent	62%, 37%, 45%
CMY	0.3844, 0.6313, 0.5451
CMYK	0.00, 0.40, 0.26, 0.38
HSL	339°, 25%, 49%
HSV	339°, 40%, 62%
XYZ	21.0548, 16.4345, 18.5820
YIQ	115.3450, 30.4860, 20.1980

Conversions

Conversions Part 2

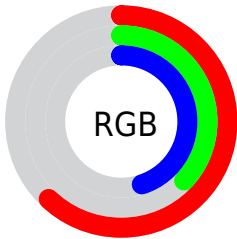
Format	Color
R _Y B	157, 94, 116
Decimal	10313332
CIE Lab	47.54, 28.66, -1.39
CIE LCh	48, 28.690, 357.232
Yxy	16.4345, 0.3755, 0.2931
Android (android.graphics.Color)	4288503412 (0xFF9D5E74)
YUV	115.3450, 0.3229, 36.5314
Hunter-Lab	40.5395, 21.7625, 1.2010

Details

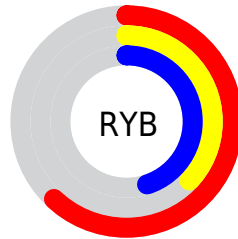
The Yxy color **16.4345, 0.3755, 0.2931** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.2339, 0.2749, 0.3689**, and the grayscale version is **17.2474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.2241, 0.3607, 0.3008**, and **5.3144, 0.4040, 0.2778** is the 20% darker color. If you saturate the color by 10%, you get **13.6961, 0.3996, 0.2845**, and if you desaturate by 10%, it is **19.7684, 0.3551, 0.3023**.

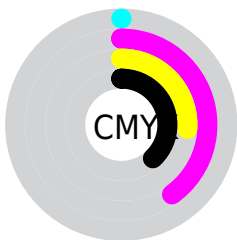
Distribution



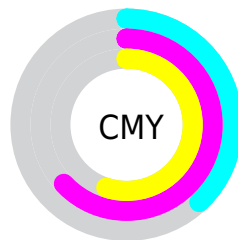
- Red (62%)
- Green (37%)
- Blue (45%)



- Red (62%)
- Yellow (37%)
- Blue (45%)



- Cyan (0%)
- Magenta (40%)
- Yellow (26%)
- Black (38%)



- Cyan (38%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.4345, 0.3755, 0.2931 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 16.4345, 0.3755, 0.2931 by changing the saturation by 10% instead.


 16.4345, 0.3755,
0.2931


 16.4345, 0.3755,
0.2931


231.8921, 0.3388,
0.3139


 9.8321, 0.3870,
0.2866


 37.3509, 0.3606,
0.3015

 5.2878, 0.4037,
0.2773

 52.4337, 0.3555,
0.3044

 2.4171, 0.4298,
0.2629

 71.1121, 0.3514,
0.3068

 0.8347, 0.4764,
0.2374

 93.7705, 0.3480,
0.3087

 0.0000, 1.0000,
0.0000

120.7934, 0.3452,
0.3103

 0.0000, 0.0000,
0.0000

152.5650, 0.3427,

0.3117

189.4698, 0.3407,
0.3129

■ 16.4345, 0.3755,
0.2931

■ 16.4345, 0.3755,
0.2931

■ 13.6961, 0.3996,
0.2845

■ 19.7684, 0.3551,
0.3023

■ 11.5154, 0.4275,
0.2774

■ 23.7279, 0.3382,
0.3115

■ 9.8538, 0.4587,
0.2729


■ 28.3440, 0.3243,
0.3205

■ 8.6669, 0.4918,
0.2720


■ 33.6449, 0.3128,
0.3289


■ 7.9025, 0.5246,
0.2758


■ 39.6570, 0.3034,
0.3368

 7.4387, 0.5550,
0.2831

 46.4056, 0.2957,
0.3440

 53.9145, 0.2893,
0.3506

 62.2065, 0.2841,
0.3566

 71.3035, 0.2797,
0.3622

Harmonies

Analogous

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



16.4345, 0.3184, 0.2601



16.4345, 0.3755, 0.2931



16.4345, 0.4161, 0.3351

Triad

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



16.4345, 0.3755, 0.2931



16.4345, 0.3548, 0.4326



16.4345, 0.2113, 0.2648

Complementary

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



16.4345, 0.3755, 0.2931



28.2339, 0.2749, 0.3689

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.



16.4345, 0.2189, 0.3088



16.4345, 0.3755, 0.2931



16.4345, 0.2992, 0.4151

Square

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



16.4345, 0.3755, 0.2931



16.4345, 0.4015, 0.4161



16.4345, 0.2499, 0.3663



16.4345, 0.2271, 0.2426

Rectangle

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



16.4345, 0.3755, 0.2931



16.4345, 0.4260, 0.3647



16.4345, 0.2499, 0.3663



16.4345, 0.2112, 0.2772

Sweetspot

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



16.4353, 0.3755, 0.2931



48.9200, 0.3270, 0.3186



15.5886, 0.2888, 0.2243



10.5434, 0.3286, 0.3176



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



16.4353, 0.3755, 0.2931



25.0628, 0.3966, 0.2855



17.7669, 0.4041, 0.3449



6.6825, 0.3232, 0.3212



6.0506, 0.5530, 0.2820



0.1158, 0.4529, 0.2268

Inverse Universe

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



16.4353, 0.3755, 0.2931



25.0628, 0.3966, 0.2855



25.8461, 0.2562, 0.3121



6.6825, 0.3232, 0.3212



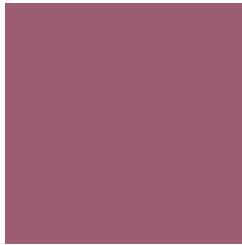
6.0506, 0.5530, 0.2820



0.1158, 0.4529, 0.2268

Previews

White Background



This preview shows how the Yxy color 16.4345, 0.3755, 0.2931 looks on a white background.

Color Contrast Check

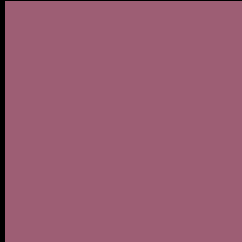
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.4345, 0.3755, 0.2931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

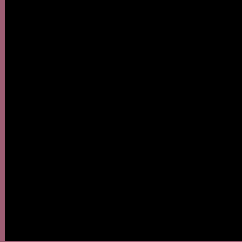
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.4345, 0.3755, 0.2931

Background



This preview shows how black text looks on a background with the Yxy color 16.4345, 0.3755, 0.2931.



This preview shows how white text looks on a background with the Yxy color 16.4345, 0.3755, 0.2931.

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

16.4345, 0.3755, 0.2931

Protanopia

16.5002, 0.2937, 0.2995

Deuteranopia

16.6292, 0.3279, 0.3233



Tritanopia

16.4129, 0.3936, 0.3176

Trichromacy



Original Color

16.4345, 0.3755, 0.2931

Protanomaly

16.1224, 0.3212, 0.2954

Deuteranomaly

16.3498, 0.3448, 0.3108

Tritanomaly

16.3350, 0.3862, 0.3076

Monochromacy



Original Color

16.4345, 0.3755, 0.2931

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.4990, 0.3342, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.4345, 0.3755, 0.2931 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(157, 94, 116)` looks like.

```
.text, #text, p{  
  color:rgb(157, 94, 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(157, 94, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 94, 116) }
```

Border

The CSS property to change the border of an element to Yxy 16.4345, 0.3755, 0.2931 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(157, 94, 116) }
```

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

```
.border{ border-color:rgb(157, 94, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 94, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 94, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 94, 116); box-shadow:4px 4px 4px 4px rgb(157, 94, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 16.4345, 0.3755, 0.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 94, 116) }
```

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

```
.background{ background-color: rgb(157, 94,  
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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