

Converting Colors

$Y_{xy}(17.4049, 0.3821, 0.3542)$

Have a look what the booklet for
Yxy(17.4049, 0.3821, 0.3542)
contains.

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Color

Yxy(17.3729, 0.3815, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	8F6C5E
RGB	143, 108, 94
RGB Percent	56%, 42%, 37%
CMY	0.4393, 0.5764, 0.6314
CMYK	0.00, 0.24, 0.34, 0.44
HSL	17°, 21%, 46%
HSV	17°, 34%, 56%
XYZ	18.7066, 17.3729, 12.9549
YIQ	116.8690, 25.3540, 3.0660

Conversions

Conversions Part 2

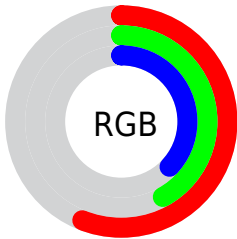
Format	Color
RYB	143, 114, 94
Decimal	9399390
CIELab	48.73, 11.85, 13.23
CIELCh	49, 17.759, 48.154
Yxy	17.3729, 0.3815, 0.3543
Android (android.graphics.Color)	4287589470 (0xFF8F6C5E)
YUV	116.8690, -11.2744, 22.9169
Hunter-Lab	41.6808, 7.1706, 10.7485

Details

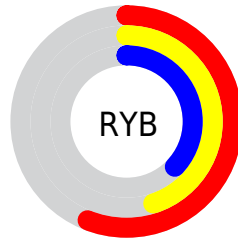
The Yxy color **17.3729, 0.3815, 0.3543** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.0481, 0.2623, 0.3020**, and the grayscale version is **17.7759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1610, 0.3656, 0.3501**, and **5.6693, 0.4122, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **15.1122, 0.4096, 0.3618**, and if you desaturate by 10%, it is **19.9347, 0.3573, 0.3466**.

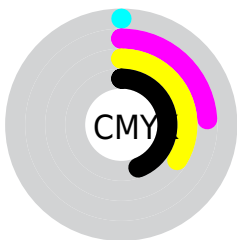
Distribution



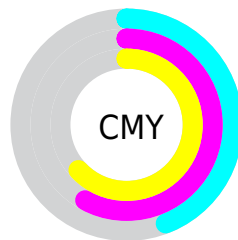
- Red (56%)
- Green (42%)
- Blue (37%)



- Red (56%)
- Yellow (45%)
- Blue (37%)



- Cyan (0%)
- Magenta (24%)
- Yellow (34%)
- Black (44%)





- Cyan (44%)
- Magenta (58%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.3729, 0.3815, 0.3543 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 17.3729, 0.3815, 0.3543 by changing the saturation by 10% instead.


 17.3729, 0.3815,
0.3543


 17.3729, 0.3815,
0.3543


237.3122, 0.3412,
0.3405


 10.5007, 0.3942,
0.3580


 38.9658, 0.3651,
0.3490


 5.7322, 0.4125,
0.3629

 54.4553, 0.3595,
0.3471

 2.6829, 0.4409,
0.3691

 73.5861, 0.3550,
0.3456

 0.9685, 0.5355,
0.4107

 96.7425, 0.3513,
0.3442

 0.0000, 1.0000,
0.0000

124.3089, 0.3481,
0.3431

 0.0000, 0.0000,
0.0000

156.6697, 0.3455,

0.3421

194.2094, 0.3432,
0.3413

■ 17.3729, 0.3815,
0.3543

■ 17.3729, 0.3815,
0.3543

■ 15.1122, 0.4096,
0.3618

■ 19.9347, 0.3573,
0.3466

■ 13.1389, 0.4417,
0.3685

■ 22.8058, 0.3367,
0.3390

■ 11.4418, 0.4768,
0.3736


■ 25.9972, 0.3193,
0.3319

■ 10.0079, 0.5135,
0.3759


■ 29.5185, 0.3046,
0.3252


■ 8.8232, 0.5489,
0.3744


■ 33.3789, 0.2922,
0.3191

 7.8719, 0.5797,
0.3687

 37.5873, 0.2817,
0.3135

 7.4187, 0.5960,
0.3650

 42.1522, 0.2727,
0.3084

 47.0820, 0.2651,
0.3037

 52.3844, 0.2585,
0.2995

Harmonies

Analogous

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



17.3729, 0.3694, 0.3259



17.3729, 0.3815, 0.3543



17.3729, 0.3738, 0.3783

Triad

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



17.3729, 0.3815, 0.3543



17.3729, 0.2830, 0.3611



17.3729, 0.2747, 0.2725

Complementary

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



17.3729, 0.3815, 0.3543



20.0481, 0.2623, 0.3020

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.



17.3729, 0.2542, 0.2782



17.3729, 0.3815, 0.3543



17.3729, 0.2587, 0.3282

Square

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



17.3729, 0.3815, 0.3543



17.3729, 0.3161, 0.3847



17.3729, 0.2485, 0.2978



17.3729, 0.3063, 0.2804

Rectangle

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



17.3729, 0.3815, 0.3543



17.3729, 0.3591, 0.3882



17.3729, 0.2485, 0.2978



17.3729, 0.2664, 0.2728

Sweetspot

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



17.3737, 0.3815, 0.3543



43.1032, 0.3293, 0.3361



15.4285, 0.3356, 0.2684



9.7220, 0.3315, 0.3370



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.



17.3737, 0.3815, 0.3543



27.9964, 0.4026, 0.3601



23.2453, 0.3679, 0.3952



5.6600, 0.3275, 0.3354



6.5947, 0.5951, 0.3657



0.0969, 0.5223, 0.4235

Inverse Universe

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



20.0481, 0.2623, 0.3020



33.5127, 0.2518, 0.2949



14.3842, 0.2561, 0.2526



5.8589, 0.2990, 0.3226



10.2019, 0.1988, 0.2356



0.1353, 0.2121, 0.2837

Previews

White Background



This preview shows how the Yxy color 17.3729, 0.3815, 0.3543 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 17.3729, 0.3815, 0.3543 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 17.3729, 0.3815, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 17.3729, 0.3815, 0.3543.



This preview shows how white text looks on a background with the Yxy color 17.3729, 0.3815, 0.3543.

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

17.3729, 0.3815, 0.3543

Protanopia

17.5102, 0.3429, 0.3644

Deuteranopia

17.3101, 0.3698, 0.3627



Tritanopia

17.3151, 0.3587, 0.3151

Trichromacy



Original Color

17.3729, 0.3815, 0.3543

Protanomaly

17.4191, 0.3564, 0.3595

Deuteranomaly

17.3454, 0.3747, 0.3604

Tritanomaly

17.2780, 0.3669, 0.3292

Monochromacy



Original Color

17.3729, 0.3815, 0.3543

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.5744, 0.3349, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3729, 0.3815, 0.3543 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, 108, 94)` looks like.

```
.text, #text, p{  
    color:rgb(143, 108, 94)  
}
```

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, 108, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 108, 94) }
```

Border

The CSS property to change the border of an element to Yxy 17.3729, 0.3815, 0.3543 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, 108, 94) }
```

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

```
.border{ border-color:rgb(143, 108, 94) }
```

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

Here you see how a box with a 4 pixel rgb(143, 108, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 108, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 108, 94);  
box-shadow:4px 4px 4px 4px rgb(143, 108,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3729, 0.3815, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 108, 94) }
```

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

```
.background{ background-color: rgb(143,  
108, 94) }
```

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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