

Converting Colors

$Y_{xy}(16.1214, 0.4102, 0.3293)$

Have a look what the booklet for
Yxy(16.1214, 0.4102, 0.3293)
contains.

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Color

Yxy(15.9817, 0.4106, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	9D5E5E
RGB	157, 94, 94
RGB Percent	62%, 37%, 37%
CMY	0.3843, 0.6313, 0.6314
CMYK	0.00, 0.40, 0.40, 0.38
HSL	0°, 25%, 49%
HSV	0°, 40%, 62%
XYZ	19.9274, 15.9817, 12.6233
YIQ	112.8370, 37.5480, 13.3560

Conversions

Conversions Part 2

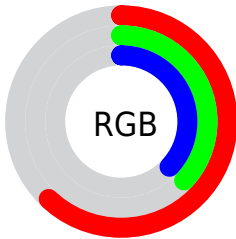
Format	Color
RYB	157, 94, 94
Decimal	10313310
CIELab	46.95, 25.70, 11.01
CIElCh	47, 27.957, 23.200
Yxy	15.9817, 0.4106, 0.3293
Android (android.graphics.Color)	4288503390 (0xFF9D5E5E)
YUV	112.8370, -9.2866, 38.7310
Hunter-Lab	39.9771, 19.0169, 9.2624

Details

The Yxy color **15.9817, 0.4106, 0.3293** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.9242, 0.2587, 0.3288**, and the grayscale version is **16.4829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4105, 0.3866, 0.3305**, and **5.0510, 0.4568, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **13.2150, 0.4496, 0.3294**, and if you desaturate by 10%, it is **19.3751, 0.3780, 0.3292**.

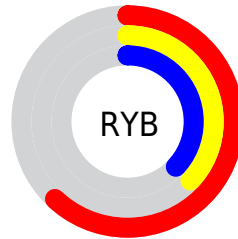
Distribution



Red (62%)

Green (37%)

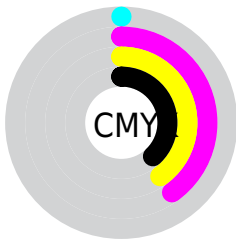
Blue (37%)



Red (62%)

Yellow (37%)

Blue (37%)

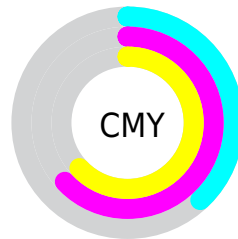


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (38%)



Cyan (38%)


Magenta (63%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9817, 0.4106, 0.3293 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 15.9817, 0.4106, 0.3293 by changing the saturation by 10% instead.


 15.9817, 0.4106,
0.3293


 15.9817, 0.4106,
0.3293


229.2337, 0.3525,
0.3307


 9.5112, 0.4293,
0.3279


 36.5664, 0.3867,
0.3304


 5.0761, 0.4564,
0.3252

 51.4495, 0.3787,
0.3306

 2.2920, 0.4992,
0.3189

 69.9055, 0.3722,
0.3307

 0.7695, 0.6374,
0.3333

 92.3188, 0.3668,
0.3308

 0.0000, 1.0000,
0.0000

119.0739, 0.3624,
0.3308

 0.0000, 0.0000,
0.0000

150.5552, 0.3586,

0.3307

187.1470, 0.3553,
0.3307

■ 15.9817, 0.4106,
0.3293

■ 15.9817, 0.4106,
0.3293

■ 13.2150, 0.4496,
0.3294

■ 19.3751, 0.3780,
0.3292

■ 11.0344, 0.4942,
0.3296

■ 23.4278, 0.3514,
0.3291

■ 9.3984, 0.5412,
0.3297


■ 28.1728, 0.3301,
0.3291

■ 8.2592, 0.5850,
0.3298

■ 33.6404, 0.3129,
0.3290

■ 7.5603, 0.6185,
0.3299

■ 39.8590, 0.2991,
0.3290

 7.1684, 0.6401,
0.3300

 46.8556, 0.2880,
0.3289

 54.6557, 0.2790,
0.3289

 63.2836, 0.2716,
0.3289

 72.7629, 0.2654,
0.3288

Harmonies

Analogous

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



15.9817, 0.3675, 0.2886



15.9817, 0.4106, 0.3293



15.9817, 0.4241, 0.3729

Triad

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



15.9817, 0.4106, 0.3293



15.9817, 0.3068, 0.4179



15.9817, 0.2250, 0.2456

Complementary

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



15.9817, 0.4106, 0.3293



28.9242, 0.2587, 0.3288

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.



15.9817, 0.2124, 0.2705



15.9817, 0.4106, 0.3293



15.9817, 0.2566, 0.3732

Square

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



15.9817, 0.4106, 0.3293



15.9817, 0.3613, 0.4304



15.9817, 0.2231, 0.3164



15.9817, 0.2593, 0.2421

Rectangle

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



15.9817, 0.4106, 0.3293



15.9817, 0.4146, 0.3994



15.9817, 0.2231, 0.3164



15.9817, 0.2183, 0.2514

Sweetspot

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



15.9825, 0.4106, 0.3293



48.5636, 0.3342, 0.3291



17.6071, 0.3172, 0.2328



10.4586, 0.3366, 0.3291



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.



15.9825, 0.4106, 0.3293



24.2071, 0.4446, 0.3294



22.7696, 0.3897, 0.3805



6.6463, 0.3284, 0.3291



5.8222, 0.6401, 0.3300



0.1041, 0.6400, 0.3300

Inverse Universe

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



28.9242, 0.2587, 0.3288



50.6078, 0.2498, 0.3288



19.6074, 0.2499, 0.2707



7.5093, 0.2988, 0.3290



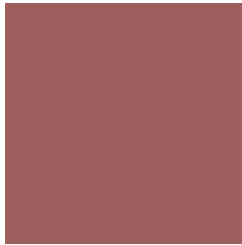
21.5560, 0.2246, 0.3287



0.3855, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 15.9817, 0.4106, 0.3293 looks on a white background.

Color Contrast Check

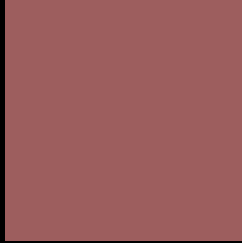
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9817, 0.4106, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

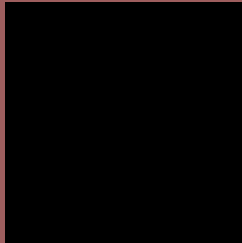
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9817, 0.4106, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 15.9817, 0.4106, 0.3293.



This preview shows how white text looks on a background with the Yxy color 15.9817, 0.4106, 0.3293.

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

15.9817, 0.4106, 0.3293

Protanopia

16.0612, 0.3296, 0.3453

Deuteranopia

16.0339, 0.3661, 0.3580



Tritanopia

16.0179, 0.4030, 0.3177

Trichromacy



Original Color

15.9817, 0.4106, 0.3293

Protanomaly

15.8485, 0.3571, 0.3387

Deuteranomaly

15.8685, 0.3821, 0.3457

Tritanomaly

15.9796, 0.4062, 0.3210

Monochromacy



Original Color

15.9817, 0.4106, 0.3293

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.0158, 0.3454, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9817, 0.4106, 0.3293 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, 94)` looks like.

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

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

Border

The CSS property to change the border of an element to Yxy 15.9817, 0.4106, 0.3293 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, 94) }
```

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

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

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, 94) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 15.9817, 0.4106, 0.3293 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, 94) }
```

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

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