

Converting Colors

$Y_{xy}(16.2266, 0.4124, 0.3278)$

Have a look what the booklet for
Yxy(16.2266, 0.4124, 0.3278)
contains.

Yxy(16.2026, 0.4119, 0.3277)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(16.2026, 0.4119, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	9F5E5F
RGB	159, 94, 95
RGB Percent	62%, 37%, 37%
CMY	0.3765, 0.6313, 0.6275
CMYK	0.00, 0.41, 0.40, 0.38
HSL	359°, 26%, 50%
HSV	359°, 41%, 62%
XYZ	20.3657, 16.2026, 12.8751
YIQ	113.5490, 38.4190, 14.0910

Conversions

Conversions Part 2

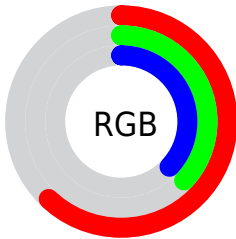
Format	Color
R_{YB}	159, 94, 95
Decimal	10444383
CIE _{Lab}	47.24, 26.61, 10.87
CIE _{LCh}	47, 28.748, 22.212
Yxy	16.2026, 0.4119, 0.3277
Android (android.graphics.Color)	4288634463 (0xFF9F5E5F)
YUV	113.5490, -9.1447, 39.8605
Hunter-Lab	40.2525, 19.8703, 9.2124

Details

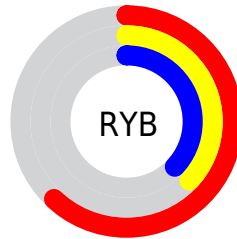
The Yxy color **16.2026, 0.4119, 0.3277** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.6464, 0.2585, 0.3305**, and the grayscale version is **16.7047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.8941, 0.3887, 0.3292**, and **5.1790, 0.4583, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **13.4041, 0.4509, 0.3275**, and if you desaturate by 10%, it is **19.6425, 0.3793, 0.3280**.

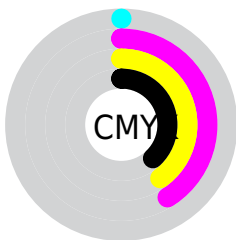
Distribution



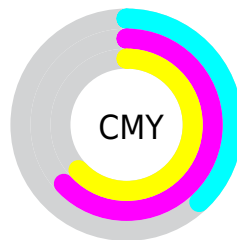
- Red (62%)
- Green (37%)
- Blue (37%)



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



- Cyan (0%)
- Magenta (41%)
- Yellow (40%)
- Black (38%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.2026, 0.4119, 0.3277 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 16.2026, 0.4119, 0.3277 by changing the saturation by 10% instead.


 16.2026, 0.4119,
0.3277


 16.2026, 0.4119,
0.3277


230.5343, 0.3532,
0.3300

 9.6676, 0.4307,
0.3260


 36.9496, 0.3878,
0.3292


 5.1791, 0.4580,
0.3229

 51.9304, 0.3796,
0.3295

 2.3528, 0.5008,
0.3160

 70.4952, 0.3731,
0.3297

 0.8014, 0.6289,
0.3253

 93.0285, 0.3677,
0.3299

 0.0000, 1.0000,
0.0000

119.9147, 0.3631,
0.3299

 0.0000, 0.0000,
0.0000

151.5381, 0.3593,

0.3300

188.2832, 0.3560,
0.3300

■ 16.2026, 0.4119,
0.3277

■ 16.2026, 0.4119,
0.3277

■ 13.4041, 0.4509,
0.3275

■ 19.6425, 0.3793,
0.3280

■ 11.2050, 0.4952,
0.3274

■ 23.7575, 0.3527,
0.3283

■ 9.5624, 0.5420,
0.3276


■ 28.5818, 0.3313,
0.3287


■ 8.4264, 0.5854,
0.3280

■ 34.1467, 0.3141,
0.3290


■ 7.7383, 0.6185,
0.3287

■ 40.4814, 0.3002,
0.3293

 7.3763, 0.6382,
0.3289

 47.6137, 0.2891,
0.3295

 55.5700, 0.2800,
0.3298

 64.3755, 0.2725,
0.3300

 74.0543, 0.2664,
0.3302

Harmonies

Analogous

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



16.2026, 0.3669, 0.2865



16.2026, 0.4119, 0.3277



16.2026, 0.4268, 0.3722

Triad

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



16.2026, 0.4119, 0.3277



16.2026, 0.3084, 0.4213



16.2026, 0.2223, 0.2442

Complementary

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



16.2026, 0.4119, 0.3277



29.6464, 0.2585, 0.3305

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.



16.2026, 0.2103, 0.2703



16.2026, 0.4119, 0.3277



16.2026, 0.2567, 0.3761

Square

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



16.2026, 0.4119, 0.3277



16.2026, 0.3639, 0.4326



16.2026, 0.2220, 0.3178



16.2026, 0.2566, 0.2401

Rectangle

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



16.2026, 0.4119, 0.3277



16.2026, 0.4177, 0.3996



16.2026, 0.2220, 0.3178



16.2026, 0.2157, 0.2504

Sweetspot

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



16.2034, 0.4119, 0.3277



49.9429, 0.3339, 0.3286



17.7706, 0.3159, 0.2306



11.0142, 0.3363, 0.3286



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



16.2034, 0.4119, 0.3277



24.4318, 0.4469, 0.3275



22.9533, 0.3923, 0.3798



6.6477, 0.3282, 0.3287



5.8265, 0.6379, 0.3288



0.1046, 0.6274, 0.3230

Inverse Universe

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



16.2034, 0.4119, 0.3277



24.4318, 0.4469, 0.3275



20.2141, 0.2489, 0.2714



6.6477, 0.3282, 0.3287



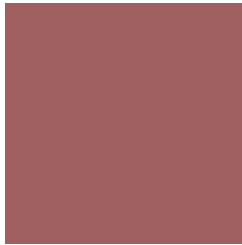
5.8265, 0.6379, 0.3288



0.1046, 0.6274, 0.3230

Previews

White Background



This preview shows how the Yxy color 16.2026, 0.4119, 0.3277 looks on a white background.

Color Contrast Check

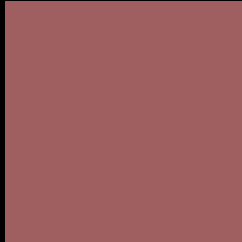
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.2026, 0.4119, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

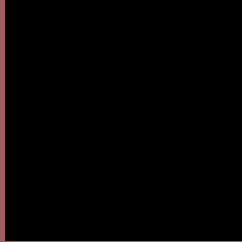
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.2026, 0.4119, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 16.2026, 0.4119, 0.3277.



This preview shows how white text looks on a background with the Yxy color 16.2026, 0.4119, 0.3277.

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

16.2026, 0.4119, 0.3277

Protanopia

16.3008, 0.3281, 0.3452

Deuteranopia

16.2437, 0.3656, 0.3599



Tritanopia

16.1197, 0.4044, 0.3178

Trichromacy



Original Color

16.2026, 0.4119, 0.3277

Protanomaly

15.9483, 0.3572, 0.3367

Deuteranomaly

16.1535, 0.3830, 0.3474

Tritanomaly

16.0815, 0.4077, 0.3211

Monochromacy



Original Color

16.2026, 0.4119, 0.3277

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.3228, 0.3451, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.2026, 0.4119, 0.3277 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(159, 94, 95)` looks like.

```
.text, #text, p{  
  color:rgb(159, 94, 95)  
}
```

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(159, 94, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 94, 95) }
```

Border

The CSS property to change the border of an element to Yxy 16.2026, 0.4119, 0.3277 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(159, 94, 95) }
```

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

```
.border{ border-color:rgb(159, 94, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 94, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 94, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 94, 95);  
box-shadow:4px 4px 4px 4px rgb(159, 94,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 16.2026, 0.4119, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 94, 95) }
```

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

```
.background{ background-color: rgb(159, 94,  
95) }
```

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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