

Converting Colors

$Y_{xy}(16.4113, 0.4066, 0.3125)$

Have a look what the booklet for
Yxy(16.4113, 0.4066, 0.3125)
contains.

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Color

Yxy(16.4201, 0.4059, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	A35C67
RGB	163, 92, 103
RGB Percent	64%, 36%, 40%
CMY	0.3607, 0.6392, 0.5960
CMYK	0.00, 0.44, 0.37, 0.36
HSL	351°, 28%, 50%
HSV	351°, 44%, 64%
XYZ	21.3825, 16.4201, 14.8766
YIQ	114.4830, 38.7850, 18.4730

Conversions

Conversions Part 2

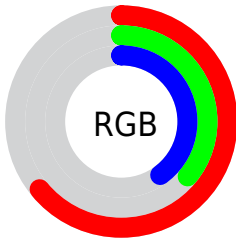
Format	Color
R _Y B	163, 92, 103
Decimal	10706023
CIE Lab	47.52, 30.30, 6.51
CIE LCh	48, 30.990, 12.125
Yxy	16.4201, 0.4059, 0.3117
Android (android.graphics.Color)	4288896103 (0xFFA35C67)
YUV	114.4830, -5.6611, 42.5494
Hunter-Lab	40.5217, 23.2778, 6.5983

Details

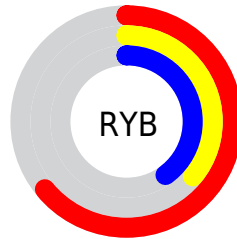
The Yxy color **16.4201, 0.4059, 0.3117** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.7424, 0.2624, 0.3480**, and the grayscale version is **16.9890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.4953, 0.3833, 0.3171**, and **5.3381, 0.4497, 0.3031** is the 20% darker color. If you saturate the color by 10%, you get **13.6401, 0.4405, 0.3084**, and if you desaturate by 10%, it is **19.8550, 0.3768, 0.3157**.

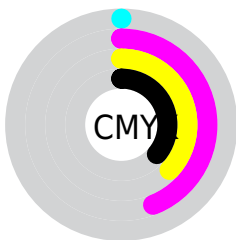
Distribution



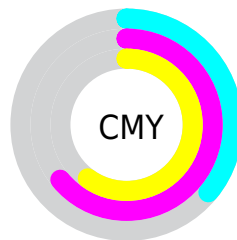
- Red (64%)
- Green (36%)
- Blue (40%)



- Red (64%)
- Yellow (36%)
- Blue (40%)



- Cyan (0%)
- Magenta (44%)
- Yellow (37%)
- Black (36%)





- Cyan (36%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.4201, 0.4059, 0.3117 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 16.4201, 0.4059, 0.3117 by changing the saturation by 10% instead.


 16.4201, 0.4059,
0.3117


 16.4201, 0.4059,
0.3117


231.8080, 0.3510,
0.3228


 9.8219, 0.4234,
0.3076


 37.3260, 0.3834,
0.3166

 5.2810, 0.4488,
0.3013

 52.4025, 0.3758,
0.3181

 2.4131, 0.4886,
0.2904

 71.0739, 0.3696,
0.3193

 0.8326, 0.5748,
0.2757

 93.7246, 0.3646,
0.3203

 0.0000, 1.0000,
0.0000

120.7389, 0.3603,
0.3211

 0.0000, 0.0000,
0.0000

152.5014, 0.3567,

0.3218

189.3963, 0.3536,
0.3223

■ 16.4201, 0.4059,
0.3117

■ 16.4201, 0.4059,
0.3117

■ 13.6401, 0.4405,
0.3084

■ 19.8550, 0.3768,
0.3157

■ 11.4708, 0.4800,
0.3063

■ 23.9803, 0.3528,
0.3198

■ 9.8669, 0.5223,
0.3061


■ 28.8318, 0.3333,
0.3239

■ 8.7751, 0.5636,
0.3086


■ 34.4422, 0.3176,
0.3277


■ 8.1323, 0.5984,
0.3137

■ 40.8421, 0.3048,
0.3313

 7.8597, 0.6165,
0.3170

 48.0604, 0.2945,
0.3345

 56.1248, 0.2860,
0.3375

 65.0613, 0.2791,
0.3402

 74.8951, 0.2733,
0.3426

Harmonies

Analogous

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



16.4201, 0.3501, 0.2710



16.4201, 0.4059, 0.3117



16.4201, 0.4339, 0.3585

Triad

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



16.4201, 0.4059, 0.3117



16.4201, 0.3279, 0.4372



16.4201, 0.2094, 0.2450

Complementary

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



16.4201, 0.4059, 0.3117



30.7424, 0.2624, 0.3480

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.



16.4201, 0.2050, 0.2805



16.4201, 0.4059, 0.3117



16.4201, 0.2696, 0.3993

Square

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



16.4201, 0.4059, 0.3117



16.4201, 0.3851, 0.4355



16.4201, 0.2256, 0.3375



16.4201, 0.2380, 0.2333

Rectangle

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



16.4201, 0.4059, 0.3117



16.4201, 0.4319, 0.3893



16.4201, 0.2256, 0.3375



16.4201, 0.2052, 0.2541

Sweetspot

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



16.4209, 0.4059, 0.3117



51.9306, 0.3328, 0.3240



16.8946, 0.3024, 0.2199



11.2219, 0.3365, 0.3231



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



16.4209, 0.4059, 0.3117



24.6916, 0.4382, 0.3085



20.9752, 0.4066, 0.3669



7.1030, 0.3262, 0.3255



6.1116, 0.6147, 0.3160



0.1332, 0.5382, 0.2739

Inverse Universe

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



16.4209, 0.4059, 0.3117



24.6916, 0.4382, 0.3085



23.4845, 0.2479, 0.2867



7.1030, 0.3262, 0.3255



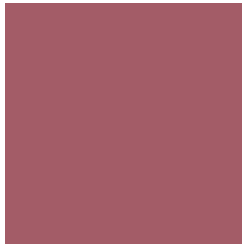
6.1116, 0.6147, 0.3160



0.1332, 0.5382, 0.2739

Previews

White Background



This preview shows how the Yxy color 16.4201, 0.4059, 0.3117 looks on a white background.

Color Contrast Check

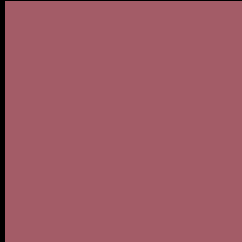
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.4201, 0.4059, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

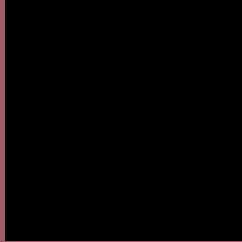
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.4201, 0.4059, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 16.4201, 0.4059, 0.3117.



This preview shows how white text looks on a background with the Yxy color 16.4201, 0.4059, 0.3117.

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

16.4201, 0.4059, 0.3117

Protanopia

16.6700, 0.3141, 0.3270

Deuteranopia

16.5245, 0.3526, 0.3464



Tritanopia

16.5161, 0.4118, 0.3197

Trichromacy



Original Color

16.4201, 0.4059, 0.3117

Protanomaly

16.1345, 0.3444, 0.3197

Deuteranomaly

16.3028, 0.3712, 0.3328

Tritanomaly

16.5353, 0.4101, 0.3181

Monochromacy



Original Color

16.4201, 0.4059, 0.3117

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.3394, 0.3441, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.4201, 0.4059, 0.3117 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(163, 92, 103)` looks like.

```
.text, #text, p{  
  color:rgb(163, 92, 103)  
}
```

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(163, 92, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 92, 103) }
```

Border

The CSS property to change the border of an element to Yxy 16.4201, 0.4059, 0.3117 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(163, 92, 103) }
```

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

```
.border{ border-color:rgb(163, 92, 103) }
```

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

Here you see how a box with a 4 pixel rgb(163, 92, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 92, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 92, 103);  
box-shadow:4px 4px 4px 4px rgb(163, 92,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 16.4201, 0.4059, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 92, 103) }
```

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

```
.background{ background-color: rgb(163, 92,  
103) }
```

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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