

Converting Colors

$Y_{xy}(16.8842, 0.4045, 0.3189)$

Have a look what the booklet for
Yxy(16.8842, 0.4045, 0.3189)
contains.

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Color

Yxy(16.8251, 0.4043, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	A25F66
RGB	162, 95, 102
RGB Percent	64%, 37%, 40%
CMY	0.3647, 0.6274, 0.6000
CMYK	0.00, 0.41, 0.37, 0.36
HSL	354°, 26%, 50%
HSV	354°, 41%, 64%
XYZ	21.3912, 16.8251, 14.6929
YIQ	115.8310, 37.6850, 16.3810

Conversions

Conversions Part 2

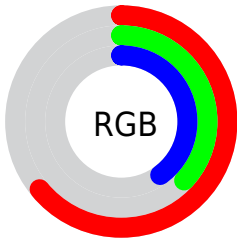
Format	Color
R_{YB}	162, 95, 102
Decimal	10641254
CIE Lab	48.04, 28.11, 7.83
CIE LCh	48, 29.177, 15.563
Yxy	16.8251, 0.4043, 0.3180
Android (android.graphics.Color)	4288831334 (0xFFA25F66)
YUV	115.8310, -6.8187, 40.4902
Hunter-Lab	41.0184, 21.3058, 7.4751

Details

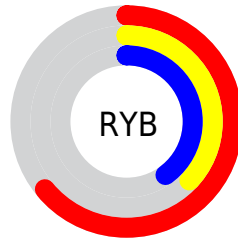
The Yxy color **16.8251, 0.4043, 0.3180** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.6402, 0.2621, 0.3409**, and the grayscale version is **17.4239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2274, 0.3823, 0.3219**, and **5.4970, 0.4471, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **13.9414, 0.4399, 0.3157**, and if you desaturate by 10%, it is **20.3677, 0.3745, 0.3207**.

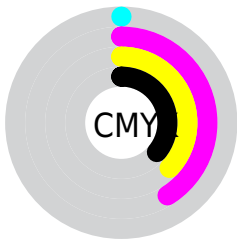
Distribution



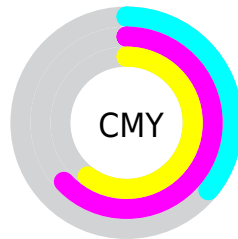
- Red (64%)
- Green (37%)
- Blue (40%)



- Red (64%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (41%)
- Yellow (37%)
- Black (36%)





- Cyan (36%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.8251, 0.4043, 0.3180 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 16.8251, 0.4043, 0.3180 by changing the saturation by 10% instead.


 16.8251, 0.4043,
0.3180


 16.8251, 0.4043,
0.3180


234.1625, 0.3504,
0.3256


 10.1099, 0.4214,
0.3150


 38.0248, 0.3823,
0.3214


 5.4719, 0.4461,
0.3102

 53.2781, 0.3748,
0.3225

 2.5267, 0.4848,
0.3015

 72.1462, 0.3688,
0.3233

 0.8900, 0.5699,
0.2918

 95.0135, 0.3638,
0.3239

 0.0000, 1.0000,
0.0000

122.2643, 0.3596,
0.3245

 0.0000, 0.0000,
0.0000

154.2832, 0.3561,

0.3249

191.4544, 0.3531,
0.3252

■ 16.8251, 0.4043,
0.3180

■ 16.8251, 0.4043,
0.3180

■ 13.9414, 0.4399,
0.3157

■ 20.3677, 0.3745,
0.3207

■ 11.6736, 0.4808,
0.3143

■ 24.6038, 0.3502,
0.3234

■ 9.9776, 0.5248,
0.3141


■ 29.5686, 0.3305,
0.3261

■ 8.8020, 0.5677,
0.3158

■ 35.2941, 0.3146,
0.3287


■ 8.0867, 0.6037,
0.3194

■ 41.8105, 0.3018,
0.3310

 7.7217, 0.6263,
0.3224

 49.1462, 0.2914,
0.3331

 57.3283, 0.2829,
0.3351

 66.3826, 0.2759,
0.3368

 76.3340, 0.2702,
0.3384

Harmonies

Analogous

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



16.8251, 0.3545, 0.2784



16.8251, 0.4043, 0.3180



16.8251, 0.4268, 0.3625

Triad

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



16.8251, 0.4043, 0.3180



16.8251, 0.3209, 0.4273



16.8251, 0.2175, 0.2479

Complementary

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



16.8251, 0.4043, 0.3180



30.6402, 0.2621, 0.3409

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.



16.8251, 0.2106, 0.2791



16.8251, 0.4043, 0.3180



16.8251, 0.2670, 0.3884

Square

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



16.8251, 0.4043, 0.3180



16.8251, 0.3753, 0.4305



16.8251, 0.2276, 0.3305



16.8251, 0.2471, 0.2390

Rectangle

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



16.8251, 0.4043, 0.3180



16.8251, 0.4225, 0.3910



16.8251, 0.2276, 0.3305



16.8251, 0.2126, 0.2558

Sweetspot

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



16.8259, 0.4043, 0.3180



52.8393, 0.3321, 0.3259



17.6818, 0.3074, 0.2267



11.6070, 0.3343, 0.3256



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.



16.8259, 0.4043, 0.3180



25.4989, 0.4383, 0.3158



22.1061, 0.3980, 0.3702



7.0974, 0.3269, 0.3267



6.0867, 0.6249, 0.3216



0.1312, 0.5664, 0.2894

Inverse Universe

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



16.8259, 0.4043, 0.3180



25.4989, 0.4383, 0.3158



22.7398, 0.2501, 0.2830



7.0974, 0.3269, 0.3267



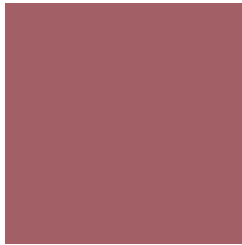
6.0867, 0.6249, 0.3216



0.1312, 0.5664, 0.2894

Previews

White Background



This preview shows how the Yxy color 16.8251, 0.4043, 0.3180 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 16.8251, 0.4043, 0.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

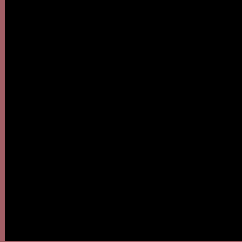
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.8251, 0.4043, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 16.8251, 0.4043, 0.3180.



This preview shows how white text looks on a background with the Yxy color 16.8251, 0.4043, 0.3180.

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

16.8251, 0.4043, 0.3180

Protanopia

16.9864, 0.3191, 0.3330

Deuteranopia

16.8780, 0.3564, 0.3500



Tritanopia

16.8251, 0.4043, 0.3180

Trichromacy



Original Color

16.8251, 0.4043, 0.3180

Protanomaly

16.5846, 0.3480, 0.3272

Deuteranomaly

16.7740, 0.3731, 0.3382

Tritanomaly

16.8251, 0.4043, 0.3180

Monochromacy



Original Color

16.8251, 0.4043, 0.3180

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.8594, 0.3436, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.8251, 0.4043, 0.3180 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(162, 95, 102)` looks like.

```
.text, #text, p{  
    color:rgb(162, 95, 102)  
}
```

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(162, 95, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 95, 102) }
```

Border

The CSS property to change the border of an element to Yxy 16.8251, 0.4043, 0.3180 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(162, 95, 102) }
```

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

```
.border{ border-color:rgb(162, 95, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 95, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 95, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 95, 102);  
box-shadow:4px 4px 4px 4px rgb(162, 95,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 16.8251, 0.4043, 0.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 95, 102) }
```

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

```
.background{ background-color: rgb(162, 95,  
102) }
```

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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