

Converting Colors

$Y_{xy}(16.8242, 0.4500, 0.3100)$

Have a look what the booklet for
Yxy(16.8242, 0.4500, 0.3100)
contains.

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Color

Yxy(16.8242, 0.4500, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	B65260
RGB	182, 82, 96
RGB Percent	71%, 32%, 38%
CMY	0.2862, 0.6784, 0.6235
CMYK	0.00, 0.55, 0.47, 0.29
HSL	352°, 41%, 52%
HSV	352°, 55%, 71%
XYZ	24.4222, 16.8242, 13.0252
YIQ	113.4960, 55.1060, 25.5540

Conversions

Conversions Part 2

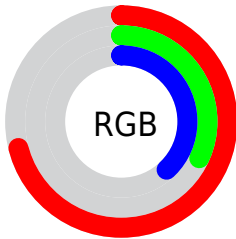
Format	Color
R_{YB}	182, 82, 96
Decimal	11948640
CIE Lab	48.04, 41.85, 11.86
CIE LCh	48, 43.496, 15.829
Yxy	16.8242, 0.4500, 0.3100
Android (android.graphics.Color)	4290138720 (0xFFB65260)
YUV	113.4960, -8.6255, 60.0780
Hunter-Lab	41.0173, 34.5009, 9.8844

Details

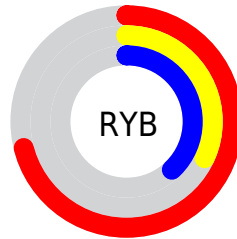
The Yxy color **16.8242, 0.4500, 0.3100** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **38.0828, 0.2518, 0.3516**, and the grayscale version is **16.6825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1040, 0.4172, 0.3172**, and **5.4690, 0.5116, 0.2954** is the 20% darker color. If you saturate the color by 10%, you get **14.1746, 0.4913, 0.3085**, and if you desaturate by 10%, it is **20.2609, 0.4134, 0.3128**.

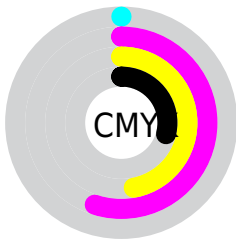
Distribution



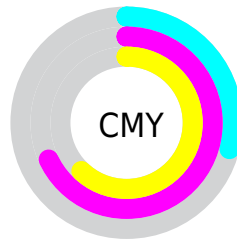
- Red (71%)
- Green (32%)
- Blue (38%)



- Red (71%)
- Yellow (32%)
- Blue (38%)



- Cyan (0%)
- Magenta (55%)
- Yellow (47%)
- Black (29%)





- Cyan (29%)
- Magenta (68%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.8242, 0.4500, 0.3100 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 16.8242, 0.4500, 0.3100 by changing the saturation by 10% instead.


 16.8242, 0.4500,
0.3100


 16.8242, 0.4500,
0.3100


234.1573, 0.3694,
0.3235


 10.1092, 0.4751,
0.3045


 38.0233, 0.4173,
0.3162


 5.4714, 0.5109,
0.2957

 53.2762, 0.4061,
0.3182


 2.5264, 0.5651,
0.2801

 72.1438, 0.3970,
0.3196

 0.8898, 0.6945,
0.2641

 95.0106, 0.3895,
0.3207

 0.0000, 1.0000,
0.0000

 122.2610, 0.3833,
0.3216

 0.0000, 0.0000,
0.0000

154.2792, 0.3779,

0.3224

191.4499, 0.3734,
0.3230

■ 16.8242, 0.4500,
0.3100

■ 16.8242, 0.4500,
0.3100

■ 14.1746, 0.4913,
0.3085

■ 20.2609, 0.4134,
0.3128

■ 12.2471, 0.5347,
0.3089

■ 24.5378, 0.3825,
0.3164

■ 10.9707, 0.5756,
0.3118

■ 29.7063, 0.3571,
0.3201

■ 10.2582, 0.6083,
0.3172

■ 35.8129, 0.3364,
0.3238

■ 10.0190, 0.6212,
0.3196

■ 42.9011, 0.3197,
0.3273

■ 51.0113, 0.3063,
0.3306

■ 60.1821, 0.2954,
0.3336

■ 70.4497, 0.2865,
0.3363

■ 81.8487, 0.2792,
0.3388

Harmonies

Analogous

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



16.8242, 0.3742, 0.2570



16.8242, 0.4500, 0.3100



16.8242, 0.4810, 0.3702

Triad

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



16.8242, 0.4500, 0.3100



16.8242, 0.3190, 0.4810



16.8242, 0.1790, 0.2119

Complementary

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



16.8242, 0.4500, 0.3100



38.0828, 0.2518, 0.3516

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.



16.8242, 0.1690, 0.2520



16.8242, 0.4500, 0.3100



16.8242, 0.2427, 0.4200

Square

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



16.8242, 0.4500, 0.3100



16.8242, 0.3979, 0.4776



16.8242, 0.1897, 0.3269



16.8242, 0.2186, 0.2027

Rectangle

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



16.8242, 0.4500, 0.3100



16.8242, 0.4713, 0.4110



16.8242, 0.1897, 0.3269



16.8242, 0.1724, 0.2216

Sweetspot

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



16.8251, 0.4500, 0.3100



63.3566, 0.3389, 0.3233



17.6285, 0.3003, 0.1932



13.4715, 0.3429, 0.3226



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



16.8251, 0.4500, 0.3100



24.8306, 0.5007, 0.3084



23.2789, 0.4419, 0.3785



9.0321, 0.3266, 0.3258



7.0802, 0.6191, 0.3184



0.2562, 0.5615, 0.2867

Inverse Universe

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



16.8251, 0.4500, 0.3100



24.8306, 0.5007, 0.3084



26.0413, 0.2317, 0.2698



9.0321, 0.3266, 0.3258



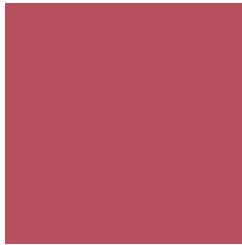
7.0802, 0.6191, 0.3184



0.2562, 0.5615, 0.2867

Previews

White Background



This preview shows how the Yxy color 16.8242, 0.4500, 0.3100 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 16.8242, 0.4500, 0.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

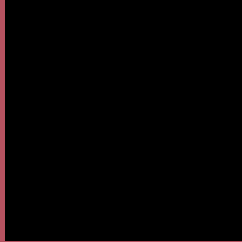
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.8242, 0.4500, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 16.8242, 0.4500, 0.3100.



This preview shows how white text looks on a background with the Yxy color 16.8242, 0.4500, 0.3100.

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

16.8242, 0.4500, 0.3100

Protanopia

17.0088, 0.3179, 0.3310

Deuteranopia

16.9755, 0.3717, 0.3648



Tritanopia

16.8529, 0.4610, 0.3212

Trichromacy



Original Color

16.8242, 0.4500, 0.3100

Protanomaly

16.2270, 0.3628, 0.3201

Deuteranomaly

16.4840, 0.3995, 0.3413

Tritanomaly

16.9043, 0.4560, 0.3170

Monochromacy



Original Color

16.8242, 0.4500, 0.3100

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

15.9676, 0.3584, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.8242, 0.4500, 0.3100 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(182, 82, 96)` looks like.

```
.text, #text, p{  
    color:rgb(182, 82, 96)  
}
```

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(182, 82, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 82, 96) }
```

Border

The CSS property to change the border of an element to Yxy 16.8242, 0.4500, 0.3100 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(182, 82, 96) }
```

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

```
.border{ border-color:rgb(182, 82, 96) }
```

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

Here you see how a box with a 4 pixel rgb(182, 82, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 82, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 82, 96);  
box-shadow:4px 4px 4px 4px rgb(182, 82,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 16.8242, 0.4500, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 82, 96) }
```

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

```
.background{ background-color: rgb(182, 82,  
96) }
```

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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