

Converting Colors

$Yxy(16.9154, 0.4635, 0.2920)$

Have a look what the booklet for
Yxy(16.9154, 0.4635, 0.2920)
contains.

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Color

Yxy(16.9154, 0.4635, 0.2920)

Conversions

Conversions Part 1

Format	Color
Hex	C24765
RGB	194, 71, 101
RGB Percent	76%, 28%, 40%
CMY	0.2392, 0.7215, 0.6039
CMYK	0.00, 0.63, 0.48, 0.24
HSL	345°, 50%, 52%
HSV	345°, 63%, 76%
XYZ	26.8503, 16.9154, 14.1638
YIQ	111.1970, 63.6780, 35.4060

Conversions

Conversions Part 2

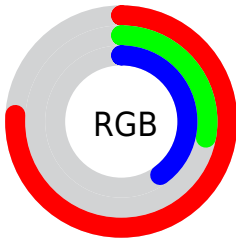
Format	Color
R_{YB}	194, 71, 101
Decimal	12732261
CIE Lab	48.15, 51.55, 9.27
CIE LCh	48, 52.380, 10.196
Yxy	16.9154, 0.4635, 0.2920
Android (android.graphics.Color)	4290922341 (0xFFC24765)
YUV	111.1970, -5.0271, 72.6182
Hunter-Lab	41.1283, 44.5577, 8.3716

Details

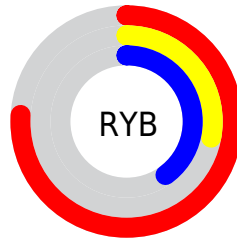
The Yxy color **16.9154, 0.4635, 0.2920** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **42.6028, 0.2529, 0.3769**, and the grayscale version is **15.9587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.0051, 0.4273, 0.3014**, and **5.4919, 0.5274, 0.2703** is the 20% darker color. If you saturate the color by 10%, you get **14.5676, 0.5022, 0.2909**, and if you desaturate by 10%, it is **20.1038, 0.4279, 0.2959**.

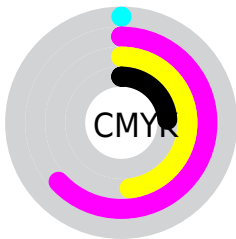
Distribution



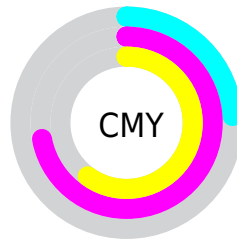
- Red (76%)
- Green (28%)
- Blue (40%)



- Red (76%)
- Yellow (28%)
- Blue (40%)



- Cyan (0%)
- Magenta (63%)
- Yellow (48%)
- Black (24%)





- Cyan (24%)
- Magenta (72%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.9154, 0.4635, 0.2920 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 16.9154, 0.4635, 0.2920 by changing the saturation by 10% instead.


 16.9154, 0.4635,
0.2920

 16.9154, 0.4635,
0.2920

234.6844, 0.3754,
0.3156


 10.1742, 0.4906,
0.2837


 38.1803, 0.4279,
0.3022

 5.5146, 0.5289,
0.2711

 53.4727, 0.4157,
0.3055

 2.5522, 0.5862,
0.2506

 72.3843, 0.4058,
0.3081

 0.9027, 0.6986,
0.2199

 95.2996, 0.3976,
0.3102

 0.0000, 1.0000,
0.0000

 122.6028, 0.3907,
0.3119

 0.0000, 0.0000,
0.0000

154.6784, 0.3848,

0.3134

191.9108, 0.3798,
0.3146

■ 16.9154, 0.4635,
0.2920

■ 16.9154, 0.4635,
0.2920

■ 14.5676, 0.5022,
0.2909

■ 20.1038, 0.4279,
0.2959

■ 12.9770, 0.5411,
0.2934

■ 24.2004, 0.3968,
0.3014

■ 12.0475, 0.5760,
0.3000

■ 29.2690, 0.3706,
0.3078

■ 11.6769, 0.5957,
0.3055

■ 35.3668, 0.3489,
0.3144

■ 42.5465, 0.3313,
0.3209

■ 50.8574, 0.3169,
0.3270

■ 60.3455, 0.3053,
0.3327

■ 71.0545, 0.2958,
0.3379

■ 83.0256, 0.2881,
0.3427

Harmonies

Analogous

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



16.9154, 0.3653, 0.2350



16.9154, 0.4635, 0.2920



16.9154, 0.5109, 0.3584

Triad

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



16.9154, 0.4635, 0.2920



16.9154, 0.3337, 0.5192



16.9154, 0.1537, 0.1973

Complementary

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



16.9154, 0.4635, 0.2920



42.6028, 0.2529, 0.3769

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.



16.9154, 0.1480, 0.2489



16.9154, 0.4635, 0.2920



16.9154, 0.2429, 0.4604

Square

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



16.9154, 0.4635, 0.2920



16.9154, 0.4240, 0.4941



16.9154, 0.1766, 0.3451



16.9154, 0.1915, 0.1825

Rectangle

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



16.9154, 0.4635, 0.2920



16.9154, 0.5045, 0.4053



16.9154, 0.1766, 0.3451



16.9154, 0.1483, 0.2099

Sweetspot

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



16.9163, 0.4635, 0.2920



69.1634, 0.3413, 0.3171



16.2155, 0.2825, 0.1687



14.3453, 0.3467, 0.3152



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



16.9163, 0.4635, 0.2920



25.1430, 0.5172, 0.2914



21.3789, 0.4839, 0.3680



10.1173, 0.3251, 0.3234



7.6885, 0.5924, 0.3037



0.3435, 0.5273, 0.2678

Inverse Universe

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



16.9163, 0.4635, 0.2920



25.1430, 0.5172, 0.2914



31.5183, 0.2259, 0.2795



10.1173, 0.3251, 0.3234



7.6885, 0.5924, 0.3037



0.3435, 0.5273, 0.2678

Previews

White Background



This preview shows how the Yxy color 16.9154, 0.4635, 0.2920 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 16.9154, 0.4635, 0.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

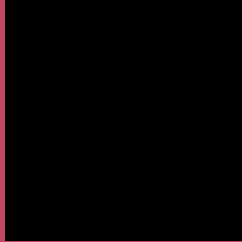
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.9154, 0.4635, 0.2920

Background



This preview shows how black text looks on a background with the Yxy color 16.9154, 0.4635, 0.2920.



This preview shows how white text looks on a background with the Yxy color 16.9154, 0.4635, 0.2920.

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

16.9154, 0.4635, 0.2920

Protanopia

17.0673, 0.3009, 0.3095

Deuteranopia

17.1816, 0.3643, 0.3592



Tritanopia

16.9488, 0.4954, 0.3235

Trichromacy



Original Color

16.9154, 0.4635, 0.2920

Protanomaly

15.8360, 0.3538, 0.2973

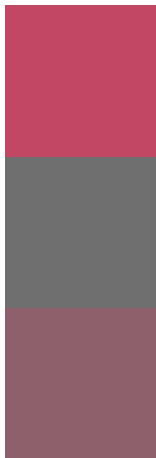
Deuteranomaly

16.1974, 0.4016, 0.3276

Tritanomaly

16.9396, 0.4829, 0.3122

Monochromacy



Original Color

16.9154, 0.4635, 0.2920

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.0900, 0.3652, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.9154, 0.4635, 0.2920 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(194, 71, 101)` looks like.

```
.text, #text, p{  
    color:rgb(194, 71, 101)  
}
```

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(194, 71, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 71, 101) }
```

Border

The CSS property to change the border of an element to Yxy 16.9154, 0.4635, 0.2920 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(194, 71, 101) }
```

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

```
.border{ border-color:rgb(194, 71, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 71, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 71, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 71, 101);  
box-shadow:4px 4px 4px 4px rgb(194, 71,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 16.9154, 0.4635, 0.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 71, 101) }
```

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

```
.background{ background-color: rgb(194, 71,  
101) }
```

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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