

Converting Colors

$Yxy(18.9369, 0.4705, 0.2927)$

Have a look what the booklet for
Yxy(18.9369, 0.4705, 0.2927)
contains.

Yxy(18.9068, 0.4696, 0.2922)	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(18.9068, 0.4696, 0.2922)

Conversions

Conversions Part 1

Format	Color
Hex	CE4969
RGB	206, 73, 105
RGB Percent	81%, 29%, 41%
CMY	0.1922, 0.7137, 0.5882
CMYK	0.00, 0.65, 0.49, 0.19
HSL	346°, 58%, 55%
HSV	346°, 65%, 81%
XYZ	30.3855, 18.9068, 15.4127
YIQ	116.4150, 68.9960, 38.1480

Conversions

Conversions Part 2

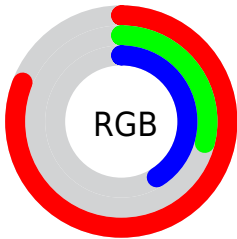
Format	Color
R_{YB}	206, 73, 105
Decimal	13519209
CIE _{Lab}	50.58, 54.91, 10.56
CIE _{LCh}	51, 55.916, 10.883
Yxy	18.9068, 0.4696, 0.2922
Android (android.graphics.Color)	4291709289 (0xFFCE4969)
YUV	116.4150, -5.6276, 78.5660
Hunter-Lab	43.4820, 48.6435, 9.4213

Details

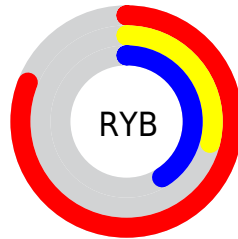
The Yxy color **18.9068, 0.4696, 0.2922** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **48.6144, 0.2520, 0.3775**, and the grayscale version is **17.6022, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0986, 0.4222, 0.3004**, and **6.4382, 0.5341, 0.2723** is the 20% darker color. If you saturate the color by 10%, you get **16.3415, 0.5089, 0.2916**, and if you desaturate by 10%, it is **22.4295, 0.4331, 0.2957**.

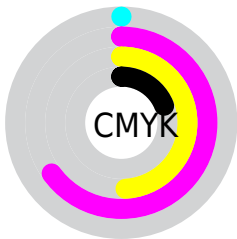
Distribution



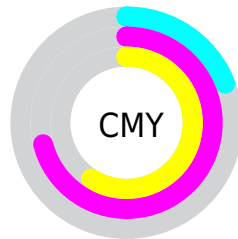
- Red (81%)
- Green (29%)
- Blue (41%)



- Red (81%)
- Yellow (29%)
- Blue (41%)



- Cyan (0%)
- Magenta (65%)
- Yellow (49%)
- Black (19%)




- Cyan (19%)
- Magenta (71%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.9068, 0.4696, 0.2922 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 18.9068, 0.4696, 0.2922 by changing the saturation by 10% instead.


 18.9068, 0.4696,
0.2922


 18.9068, 0.4696,
0.2922


245.9338, 0.3794,
0.3157


 11.6030, 0.4966,
0.2841


 41.5766, 0.4337,
0.3022

 6.4739, 0.5340,
0.2720


 57.7113, 0.4211,
0.3055

 3.1353, 0.5886,
0.2527

 77.5584, 0.4109,
0.3081

 1.2028, 0.6802,
0.2211

 101.5023, 0.4025,
0.3102

 0.0640, 0.9600,
0.0400

 129.9274, 0.3953,
0.3120

 0.0000, 1.0000,
0.0000

163.2180, 0.3892,

 0.0000, 0.0000,

0.3134

0.0000

201.7587, 0.3840,
0.3146

■ 18.9068, 0.4696,
0.2922

■ 18.9068, 0.4696,
0.2922

■ 16.3415, 0.5089,
0.2916

■ 22.4295, 0.4331,
0.2957

■ 14.6348, 0.5477,
0.2948

■ 26.9893, 0.4010,
0.3010

■ 13.6718, 0.5818,
0.3020

■ 32.6612, 0.3740,
0.3073

■ 13.3479, 0.5976,
0.3066

■ 39.5121, 0.3516,
0.3138

■ 47.6039, 0.3333,
0.3202

■ 56.9939, 0.3185,
0.3264

■ 67.7360, 0.3065,
0.3320

■ 79.8809, 0.2967,
0.3373

■ 91.2830, 0.2886,
0.3385

Harmonies

Analogous

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



18.9068, 0.3691, 0.2339



18.9068, 0.4696, 0.2922



18.9068, 0.5164, 0.3598

Triad

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



18.9068, 0.4696, 0.2922



18.9068, 0.3312, 0.5247



18.9068, 0.1508, 0.1934

Complementary

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



18.9068, 0.4696, 0.2922



48.6144, 0.2520, 0.3775

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.



18.9068, 0.1442, 0.2447



18.9068, 0.4696, 0.2922



18.9068, 0.2387, 0.4624

Square

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



18.9068, 0.4696, 0.2922



18.9068, 0.4239, 0.4990



18.9068, 0.1721, 0.3424



18.9068, 0.1899, 0.1793

Rectangle

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



18.9068, 0.4696, 0.2922



18.9068, 0.5083, 0.4076



18.9068, 0.1721, 0.3424



18.9068, 0.1451, 0.2058

Sweetspot

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



18.9078, 0.4696, 0.2922



70.7406, 0.3414, 0.3173



18.0784, 0.2816, 0.1658



14.3433, 0.3468, 0.3154



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.



18.9078, 0.4696, 0.2922



25.3903, 0.5223, 0.2922



23.9638, 0.4894, 0.3684



11.2572, 0.3253, 0.3234



8.2323, 0.5940, 0.3046



0.4370, 0.5371, 0.2732

Inverse Universe

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



18.9078, 0.4696, 0.2922



25.3903, 0.5223, 0.2922



35.6645, 0.2245, 0.2782



11.2572, 0.3253, 0.3234



8.2323, 0.5940, 0.3046



0.4370, 0.5371, 0.2732

Previews

White Background



This preview shows how the Yxy color 18.9068, 0.4696, 0.2922 looks on a white background.

Color Contrast Check

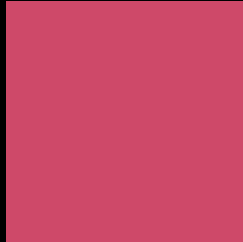
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 18.9068, 0.4696, 0.2922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

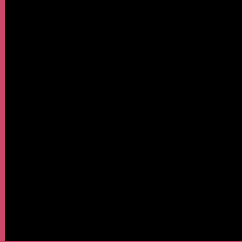
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.9068, 0.4696, 0.2922

Background



This preview shows how black text looks on a background with the Yxy color 18.9068, 0.4696, 0.2922.



This preview shows how white text looks on a background with the Yxy color 18.9068, 0.4696, 0.2922.

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

18.9068, 0.4696, 0.2922

Protanopia

19.0377, 0.3014, 0.3103

Deuteranopia

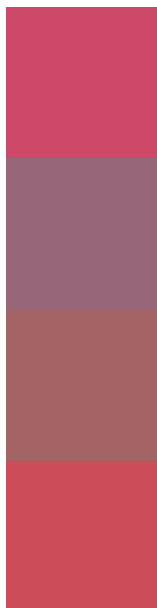
18.9671, 0.3663, 0.3597



Tritanopia

18.8961, 0.5032, 0.3239

Trichromacy



Original Color

18.9068, 0.4696, 0.2922

Protanomaly

17.6603, 0.3563, 0.2988

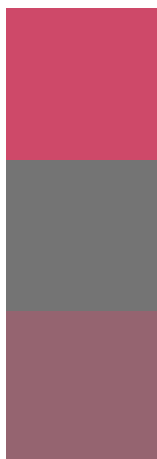
Deuteranomaly

17.9464, 0.4056, 0.3277

Tritanomaly

18.8862, 0.4914, 0.3135

Monochromacy



Original Color

18.9068, 0.4696, 0.2922

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.6738, 0.3677, 0.3085

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.9068, 0.4696, 0.2922 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(206, 73, 105)` looks like.

```
.text, #text, p{  
    color:rgb(206, 73, 105)  
}
```

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(206, 73, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 73, 105) }
```

Border

The CSS property to change the border of an element to Yxy 18.9068, 0.4696, 0.2922 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(206, 73, 105) }
```

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

```
.border{ border-color:rgb(206, 73, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 73, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 73, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 73, 105);  
box-shadow:4px 4px 4px 4px rgb(206, 73,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 18.9068, 0.4696, 0.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 73, 105) }
```

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

```
.background{ background-color: rgb(206, 73,  
105) }
```

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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