

Converting Colors

$Yxy(18.7180, 0.4644, 0.2886)$

Have a look what the booklet for
Yxy(18.7180, 0.4644, 0.2886)
contains.

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Color

Yxy(18.8058, 0.4651, 0.2895)

Conversions

Conversions Part 1

Format	Color
Hex	CD496B
RGB	205, 73, 107
RGB Percent	80%, 29%, 42%
CMY	0.1961, 0.7137, 0.5805
CMYK	0.00, 0.64, 0.48, 0.20
HSL	345°, 57%, 55%
HSV	345°, 64%, 80%
XYZ	30.2127, 18.8058, 15.9411
YIQ	116.3440, 67.7580, 38.5580

Conversions

Conversions Part 2

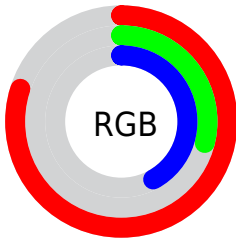
Format	Color
R_{YB}	205, 73, 107
Decimal	13453675
CIE _{Lab}	50.46, 54.77, 9.17
CIE _{LCh}	50, 55.536, 9.509
Yxy	18.8058, 0.4651, 0.2895
Android (android.graphics.Color)	4291643755 (0xFFCD496B)
YUV	116.3440, -4.6066, 77.7513
Hunter-Lab	43.3657, 48.4704, 8.5611

Details

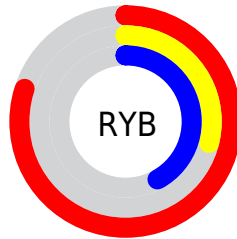
The Yxy color **18.8058, 0.4651, 0.2895** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **48.0219, 0.2533, 0.3809**, and the grayscale version is **17.5758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1670, 0.4199, 0.2983**, and **6.4589, 0.5285, 0.2692** is the 20% darker color. If you saturate the color by 10%, you get **16.2495, 0.5035, 0.2886**, and if you desaturate by 10%, it is **22.3081, 0.4296, 0.2934**.

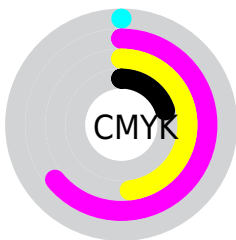
Distribution



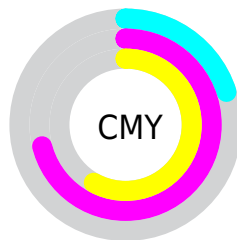
- Red (80%)
- Green (29%)
- Blue (42%)



- Red (80%)
- Yellow (29%)
- Blue (42%)



- Cyan (0%)
- Magenta (64%)
- Yellow (48%)
- Black (20%)



- Cyan (20%)
- Magenta (71%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.8058, 0.4651, 0.2895 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 18.8058, 0.4651, 0.2895 by changing the saturation by 10% instead.


 18.8058, 0.4651,
0.2895


 18.8058, 0.4651,
0.2895


245.3746, 0.3775,
0.3142


 11.5300, 0.4913,
0.2812


 41.4057, 0.4302,
0.2999


 6.4245, 0.5279,
0.2689


 57.4986, 0.4180,
0.3034


 3.1049, 0.5814,
0.2494

 77.2994, 0.4081,
0.3061

 1.1867, 0.6695,
0.2172

 101.1924, 0.3999,
0.3083

 0.0508, 0.9674,
0.0326

 129.5620, 0.3929,
0.3102

 0.0000, 1.0000,
0.0000

162.7926, 0.3870,

 0.0000, 0.0000,

0.3117

0.0000

201.2687, 0.3819,
0.3131

■ 18.8058, 0.4651,
0.2895

■ 18.8058, 0.4651,
0.2895

■ 16.2495, 0.5035,
0.2886

■ 22.3081, 0.4296,
0.2934

■ 14.5421, 0.5417,
0.2916

■ 26.8347, 0.3985,
0.2992

■ 13.5708, 0.5758,
0.2988

■ 32.4594, 0.3722,
0.3059

■ 13.2342, 0.5923,
0.3037

■ 39.2481, 0.3504,
0.3129

■ 47.2616, 0.3326,
0.3197

■ 56.5564, 0.3182,
0.3263

■ 67.1854, 0.3064,
0.3324

■ 79.1988, 0.2969,
0.3379

■ 91.0309, 0.2890,
0.3405

Harmonies

Analogous

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



18.8058, 0.3638, 0.2320



18.8058, 0.4651, 0.2895



18.8058, 0.5149, 0.3566

Triad

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



18.8058, 0.4651, 0.2895



18.8058, 0.3357, 0.5242



18.8058, 0.1504, 0.1954

Complementary

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



18.8058, 0.4651, 0.2895



48.0219, 0.2533, 0.3809

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.



18.8058, 0.1453, 0.2486



18.8058, 0.4651, 0.2895



18.8058, 0.2430, 0.4663

Square

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



18.8058, 0.4651, 0.2895



18.8058, 0.4274, 0.4958



18.8058, 0.1749, 0.3479



18.8058, 0.1879, 0.1798

Rectangle

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



18.8058, 0.4651, 0.2895



18.8058, 0.5090, 0.4041



18.8058, 0.1749, 0.3479



18.8058, 0.1452, 0.2084

Sweetspot

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



18.8068, 0.4651, 0.2895



70.7833, 0.3408, 0.3164



17.6984, 0.2792, 0.1650



14.3535, 0.3461, 0.3144



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.



18.8068, 0.4651, 0.2895



25.4601, 0.5174, 0.2892



23.3226, 0.4908, 0.3656



11.2603, 0.3250, 0.3231



8.2519, 0.5887, 0.3017



0.4384, 0.5315, 0.2702

Inverse Universe

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



18.8068, 0.4651, 0.2895



25.4601, 0.5174, 0.2892



36.1756, 0.2255, 0.2819



11.2603, 0.3250, 0.3231



8.2519, 0.5887, 0.3017



0.4384, 0.5315, 0.2702

Previews

White Background



This preview shows how the Yxy color 18.8058, 0.4651, 0.2895 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 18.8058, 0.4651, 0.2895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

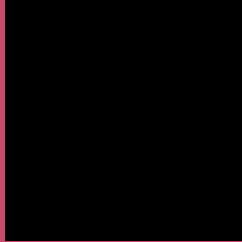
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.8058, 0.4651, 0.2895

Background



This preview shows how black text looks on a background with the Yxy color 18.8058, 0.4651, 0.2895.



This preview shows how white text looks on a background with the Yxy color 18.8058, 0.4651, 0.2895.

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

18.8058, 0.4651, 0.2895

Protanopia

19.0483, 0.2969, 0.3048

Deuteranopia

18.9193, 0.3623, 0.3562



Tritanopia

18.7698, 0.4988, 0.3238

Trichromacy



Original Color

18.8058, 0.4651, 0.2895

Protanomaly

17.6398, 0.3507, 0.2937

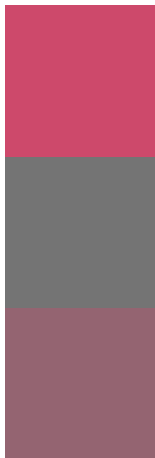
Deuteranomaly

17.8801, 0.4012, 0.3245

Tritanomaly

18.7790, 0.4871, 0.3109

Monochromacy



Original Color

18.8058, 0.4651, 0.2895

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.6025, 0.3648, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.8058, 0.4651, 0.2895 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(205, 73, 107)` looks like.

```
.text, #text, p{  
  color:rgb(205, 73, 107)  
}
```

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(205, 73, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 73, 107) }
```

Border

The CSS property to change the border of an element to Yxy 18.8058, 0.4651, 0.2895 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(205, 73, 107) }
```

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

```
.border{ border-color:rgb(205, 73, 107) }
```

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

Here you see how a box with a 4 pixel rgb(205, 73, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 73, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 73, 107);  
box-shadow:4px 4px 4px 4px rgb(205, 73,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 18.8058, 0.4651, 0.2895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 73, 107) }
```

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

```
.background{ background-color: rgb(205, 73,  
107) }
```

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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