

Converting Colors

$Y_{xy}(17.6685, 0.4625, 0.2882)$

Have a look what the booklet for
Yxy(17.6685, 0.4625, 0.2882)
contains.

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Color

Yxy(17.6685, 0.4625, 0.2882)

Conversions

Conversions Part 1

Format	Color
Hex	C74769
RGB	199, 71, 105
RGB Percent	78%, 28%, 41%
CMY	0.2197, 0.7215, 0.5882
CMYK	0.00, 0.64, 0.47, 0.22
HSL	344°, 53%, 53%
HSV	344°, 64%, 78%
XYZ	28.3542, 17.6685, 15.2837
YIQ	113.1480, 65.3740, 37.7100

Conversions

Conversions Part 2

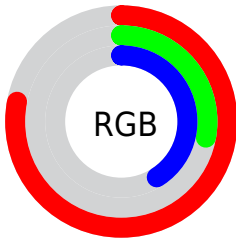
Format	Color
R_{YB}	199, 71, 105
Decimal	13059945
CIE _{Lab}	49.09, 53.52, 8.29
CIE _{LCh}	49, 54.160, 8.800
Yxy	17.6685, 0.4625, 0.2882
Android (android.graphics.Color)	4291250025 (0xFFC74769)
YUV	113.1480, -4.0170, 75.2922
Hunter-Lab	42.0339, 46.8488, 7.8657

Details

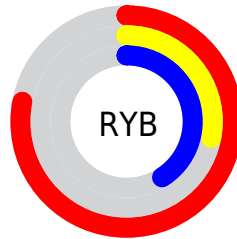
The Yxy color **17.6685, 0.4625, 0.2882** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **44.8976, 0.2539, 0.3824**, and the grayscale version is **16.5597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5820, 0.4231, 0.2984**, and **5.8809, 0.5266, 0.2675** is the 20% darker color. If you saturate the color by 10%, you get **15.2636, 0.5003, 0.2871**, and if you desaturate by 10%, it is **20.9555, 0.4276, 0.2923**.

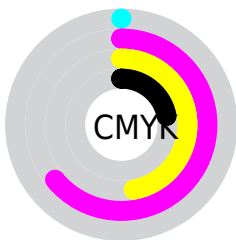
Distribution



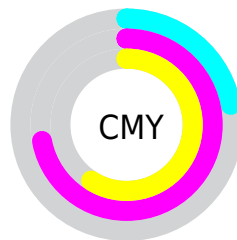
- Red (78%)
- Green (28%)
- Blue (41%)



- Red (78%)
- Yellow (28%)
- Blue (41%)



- Cyan (0%)
- Magenta (64%)
- Yellow (47%)
- Black (22%)





- Cyan (22%)
- Magenta (72%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.6685, 0.4625, 0.2882 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 17.6685, 0.4625, 0.2882 by changing the saturation by 10% instead.


 17.6685, 0.4625,
0.2882

 17.6685, 0.4625,
0.2882


238.9959, 0.3756,
0.3137


 10.7123, 0.4889,
0.2796


 39.4716, 0.4276,
0.2990


 5.8737, 0.5261,
0.2668

 55.0873, 0.4155,
0.3025

 2.7684, 0.5811,
0.2464

 74.3583, 0.4057,
0.3053

 1.0121, 0.6776,
0.2134

 97.6689, 0.3976,
0.3076

 0.0000, 1.0000,
0.0000

 125.4036, 0.3908,
0.3095

 0.0000, 0.0000,
0.0000

157.9467, 0.3850,

0.3111

195.6826, 0.3800,
0.3125

■ 17.6685, 0.4625,
0.2882

■ 17.6685, 0.4625,
0.2882

■ 15.2636, 0.5003,
0.2871

■ 20.9555, 0.4276,
0.2923

■ 13.6508, 0.5382,
0.2899

■ 25.1972, 0.3970,
0.2983

■ 12.7260, 0.5722,
0.2970

■ 30.4618, 0.3711,
0.3052

■ 12.3961, 0.5892,
0.3019

■ 36.8106, 0.3497,
0.3124

■ 44.2999, 0.3322,
0.3195

■ 52.9823, 0.3180,
0.3262

■ 62.9068, 0.3064,
0.3325

■ 74.1198, 0.2970,
0.3383

■ 86.6655, 0.2893,
0.3435

Harmonies

Analogous

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



17.6685, 0.3610, 0.2312



17.6685, 0.4625, 0.2882



17.6685, 0.5138, 0.3550

Triad

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



17.6685, 0.4625, 0.2882



17.6685, 0.3380, 0.5236



17.6685, 0.1505, 0.1967

Complementary

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



17.6685, 0.4625, 0.2882



44.8976, 0.2539, 0.3824

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.



17.6685, 0.1461, 0.2507



17.6685, 0.4625, 0.2882



17.6685, 0.2453, 0.4680

Square

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



17.6685, 0.4625, 0.2882



17.6685, 0.4291, 0.4939



17.6685, 0.1766, 0.3506



17.6685, 0.1871, 0.1803

Rectangle

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



17.6685, 0.4625, 0.2882



17.6685, 0.5090, 0.4023



17.6685, 0.1766, 0.3506



17.6685, 0.1455, 0.2099

Sweetspot

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



17.6695, 0.4625, 0.2882



70.8045, 0.3405, 0.3160



16.6165, 0.2793, 0.1655



14.3585, 0.3457, 0.3140



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.



17.6695, 0.4625, 0.2882



25.4955, 0.5150, 0.2876



21.8793, 0.4900, 0.3656



10.6824, 0.3249, 0.3229



7.9847, 0.5858, 0.3000



0.3905, 0.5244, 0.2662

Inverse Universe

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



17.6695, 0.4625, 0.2882



25.4955, 0.5150, 0.2876



33.8868, 0.2257, 0.2821



10.6824, 0.3249, 0.3229



7.9847, 0.5858, 0.3000



0.3905, 0.5244, 0.2662

Previews

White Background



This preview shows how the Yxy color 17.6685, 0.4625, 0.2882 looks on a white background.

Color Contrast Check

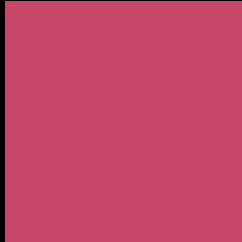
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6685, 0.4625, 0.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

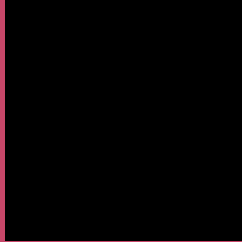
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.6685, 0.4625, 0.2882

Background



This preview shows how black text looks on a background with the Yxy color 17.6685, 0.4625, 0.2882.



This preview shows how white text looks on a background with the Yxy color 17.6685, 0.4625, 0.2882.

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

17.6685, 0.4625, 0.2882

Protanopia

17.8155, 0.2966, 0.3023

Deuteranopia

17.8620, 0.3608, 0.3551



Tritanopia

17.6333, 0.4973, 0.3236

Trichromacy



Original Color

17.6685, 0.4625, 0.2882

Protanomaly

16.6058, 0.3502, 0.2928

Deuteranomaly

16.9441, 0.3984, 0.3243

Tritanomaly

17.6415, 0.4852, 0.3103

Monochromacy



Original Color

17.6685, 0.4625, 0.2882

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

15.7904, 0.3643, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6685, 0.4625, 0.2882 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(199, 71, 105)` looks like.

```
.text, #text, p{  
  color:rgb(199, 71, 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(199, 71, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 71, 105) }
```

Border

The CSS property to change the border of an element to Yxy 17.6685, 0.4625, 0.2882 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(199, 71, 105) }
```

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

```
.border{ border-color:rgb(199, 71, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 71, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 71, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 71, 105);  
box-shadow:4px 4px 4px 4px rgb(199, 71,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6685, 0.4625, 0.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 71, 105) }
```

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

```
.background{ background-color: rgb(199, 71,  
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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