

Converting Colors

$Y_{xy}(18.6922, 0.4237, 0.2650)$

Have a look what the booklet for
Yxy(18.6922, 0.4237, 0.2650)
contains.

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Color

Yxy(18.7066, 0.4228, 0.2645)

Conversions

Conversions Part 1

Format	Color
Hex	C74B7F
RGB	199, 75, 127
RGB Percent	78%, 29%, 50%
CMY	0.2196, 0.7059, 0.5019
CMYK	0.00, 0.62, 0.36, 0.22
HSL	335°, 53%, 54%
HSV	335°, 62%, 78%
XYZ	29.9023, 18.7066, 22.1155
YIQ	118.0040, 57.2120, 42.4600

Conversions

Conversions Part 2

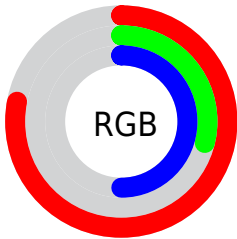
Format	Color
RYB	199, 75, 127
Decimal	13060991
CIELab	50.34, 54.10, -3.18
CIELCh	50, 54.198, 356.635
Yxy	18.7066, 0.4228, 0.2645
Android (android.graphics.Color)	4291251071 (0xFFC74B7F)
YUV	118.0040, 4.4350, 71.0335
Hunter-Lab	43.2511, 47.7190, -0.0409

Details

The Yxy color **18.7066, 0.4228, 0.2645** is a dark color, and the websafe version is hex **CC6699**. The color can be described as dark muted rose. A complement of this color would be **44.4536, 0.2654, 0.4127**, and the grayscale version is **18.0906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.5206, 0.3937, 0.2776**, and **6.3864, 0.4676, 0.2399** is the 20% darker color. If you saturate the color by 10%, you get **16.1331, 0.4511, 0.2595**, and if you desaturate by 10%, it is **22.1607, 0.3971, 0.2727**.

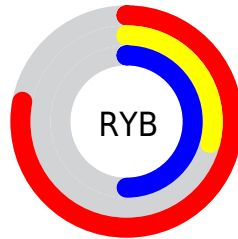
Distribution



Red (78%)

Green (29%)

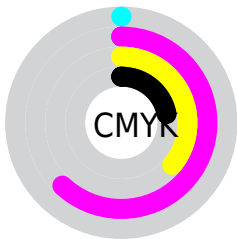
Blue (50%)



Red (78%)

Yellow (29%)

Blue (50%)

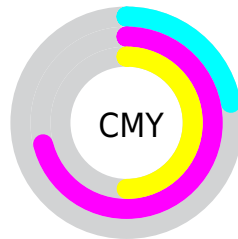


Cyan (0%)

Magenta (62%)

Yellow (36%)

Black (22%)



Cyan (22%)


Magenta (71%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.7066, 0.4228, 0.2645 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 18.7066, 0.4228, 0.2645 by changing the saturation by 10% instead.


 18.7066, 0.4228,
0.2645


 18.7066, 0.4228,
0.2645


244.8242, 0.3603,
0.3007

 11.4585, 0.4414,
0.2540


 41.2377, 0.3980,
0.2787

 6.3761, 0.4673,
0.2395


 57.2895, 0.3893,
0.2837


 3.0751, 0.5056,
0.2184

 77.0446, 0.3823,
0.2878

 1.1711, 0.5673,
0.1854

 100.8875, 0.3764,
0.2912

 0.0379, 0.8297,
0.0214

 129.2025, 0.3714,
0.2941

 0.0000, 1.0000,
0.0000

162.3740, 0.3672,

 0.0000, 0.0000,

0.2966

0.0000

200.7865, 0.3635,
0.2988

■ 18.7066, 0.4228,
0.2645

■ 18.7066, 0.4228,
0.2645

■ 16.1331, 0.4511,
0.2595

■ 22.1607, 0.3971,
0.2727

■ 14.3544, 0.4808,
0.2589

■ 26.5647, 0.3746,
0.2828

■ 13.2722, 0.5099,
0.2635

■ 31.9845, 0.3554,
0.2939

■ 12.7752, 0.5311,
0.2699

■ 38.4792, 0.3393,
0.3052

■ 46.1031, 0.3260,
0.3162

■ 54.9071, 0.3150,
0.3267

■ 64.9388, 0.3059,
0.3364

■ 76.2433, 0.2985,
0.3455

■ 88.8632, 0.2924,
0.3538

Harmonies

Analogous

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



18.7066, 0.3171, 0.2147



18.7066, 0.4228, 0.2645



18.7066, 0.4981, 0.3277

Triad

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



18.7066, 0.4228, 0.2645



18.7066, 0.3760, 0.5163



18.7066, 0.1471, 0.2153

Complementary

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



18.7066, 0.4228, 0.2645



44.4536, 0.2654, 0.4127

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.



18.7066, 0.1563, 0.2869



18.7066, 0.4228, 0.2645



18.7066, 0.2824, 0.4983

Square

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



18.7066, 0.4228, 0.2645



18.7066, 0.4587, 0.4669



18.7066, 0.2021, 0.3989



18.7066, 0.1702, 0.1852

Rectangle

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



18.7066, 0.4228, 0.2645



18.7066, 0.5122, 0.3733



18.7066, 0.2021, 0.3989



18.7066, 0.1464, 0.2341

Sweetspot

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



18.7076, 0.4228, 0.2645



71.2068, 0.3350, 0.3086



15.2000, 0.2573, 0.1593



14.4548, 0.3391, 0.3054



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.



18.7076, 0.4228, 0.2645



26.9110, 0.4623, 0.2587



18.8784, 0.5021, 0.3393



10.7095, 0.3225, 0.3193



8.2305, 0.5276, 0.2680



0.4041, 0.4742, 0.2386

Inverse Universe

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



18.7076, 0.4228, 0.2645



26.9110, 0.4623, 0.2587



42.7689, 0.2351, 0.3164



10.7095, 0.3225, 0.3193



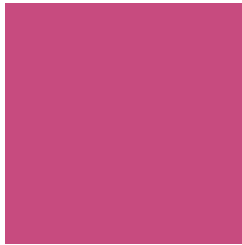
8.2305, 0.5276, 0.2680



0.4041, 0.4742, 0.2386

Previews

White Background



This preview shows how the Yxy color 18.7066, 0.4228, 0.2645 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 18.7066, 0.4228, 0.2645 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 18.7066, 0.4228, 0.2645

Background



This preview shows how black text looks on a background with the Yxy color 18.7066, 0.4228, 0.2645.



This preview shows how white text looks on a background with the Yxy color 18.7066, 0.4228, 0.2645.

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

18.7066, 0.4228, 0.2645

Protanopia

18.9397, 0.2661, 0.2643

Deuteranopia

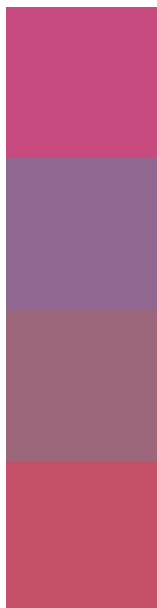
19.0086, 0.3272, 0.3218



Tritanopia

18.6435, 0.4778, 0.3220

Trichromacy



Original Color

18.7066, 0.4228, 0.2645

Protanomaly

17.5845, 0.3134, 0.2588

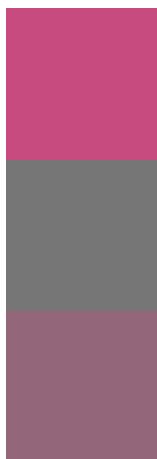
Deuteranomaly

18.0007, 0.3607, 0.2947

Tritanomaly

18.5869, 0.4582, 0.3005

Monochromacy



Original Color

18.7066, 0.4228, 0.2645

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.0863, 0.3510, 0.2964

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.7066, 0.4228, 0.2645 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, 75, 127)` looks like.

```
.text, #text, p{  
    color:rgb(199, 75, 127)  
}
```

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, 75, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 75, 127) }
```

Border

The CSS property to change the border of an element to Yxy 18.7066, 0.4228, 0.2645 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, 75, 127) }
```

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

```
.border{ border-color:rgb(199, 75, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 75, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 75, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 75, 127);  
box-shadow:4px 4px 4px 4px rgb(199, 75,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 18.7066, 0.4228, 0.2645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 75, 127) }
```

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

```
.background{ background-color: rgb(199, 75,  
127) }
```

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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