

Converting Colors

$Yxy(19.3256, 0.4683, 0.2621)$

Have a look what the booklet for
Yxy(19.3256, 0.4683, 0.2621)
contains.

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Color

Yxy(19.2988, 0.4678, 0.2614)

Conversions

Conversions Part 1

Format	Color
Hex	DD3579
RGB	221, 53, 121
RGB Percent	87%, 21%, 47%
CMY	0.1334, 0.7919, 0.5255
CMYK	0.00, 0.76, 0.45, 0.13
HSL	336°, 71%, 54%
HSV	336°, 76%, 87%
XYZ	34.5370, 19.2988, 19.9928
YIQ	110.9840, 78.3000, 56.7640

Conversions

Conversions Part 2

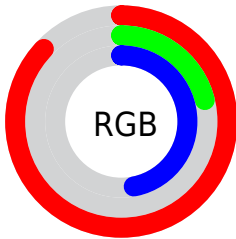
Format	Color
RYB	221, 53, 121
Decimal	14497145
CIELab	51.03, 67.85, 1.90
CIELCh	51, 67.878, 1.606
Yxy	19.2988, 0.4678, 0.2614
Android (android.graphics.Color)	4292687225 (0xFFDD3579)
YUV	110.9840, 4.9379, 96.4840
Hunter-Lab	43.9304, 63.4542, 3.7683

Details

The Yxy color **19.2988, 0.4678, 0.2614** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **54.7586, 0.2608, 0.4318**, and the grayscale version is **15.8673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.5386, 0.4063, 0.2704**, and **7.9546, 0.5120, 0.2594** is the 20% darker color. If you saturate the color by 10%, you get **17.4252, 0.4985, 0.2633**, and if you desaturate by 10%, it is **22.1468, 0.4376, 0.2644**.

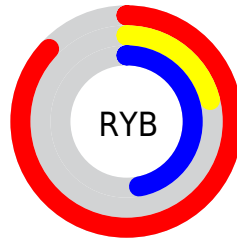
Distribution



Red (87%)

Green (21%)

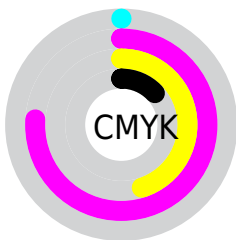
Blue (47%)



Red (87%)

Yellow (21%)

Blue (47%)

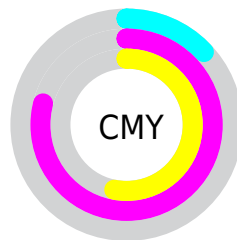


Cyan (0%)

Magenta (76%)

Yellow (45%)

Black (13%)



Cyan (13%)


Magenta (79%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2988, 0.4678, 0.2614 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 19.2988, 0.4678, 0.2614 by changing the saturation by 10% instead.


 19.2988, 0.4678,
0.2614

 19.2988, 0.4678,
0.2614


248.0934, 0.3799,
0.3001


 11.8864, 0.4935,
0.2499


 42.2384, 0.4332,
0.2768


 6.6664, 0.5288,
0.2340


 58.5344, 0.4210,
0.2821

 3.2543, 0.5797,
0.2107

 78.5603, 0.4110,
0.2865

 1.2659, 0.6575,
0.1746

 102.7006, 0.4027,
0.2902

 0.1146, 0.9493,
0.0507

 131.3397, 0.3957,
0.2932

 0.0000, 1.0000,
0.0000

164.8619, 0.3897,

 0.0000, 0.0000,

0.2959

0.0000

203.6517, 0.3845,
0.2981

■ 19.2988, 0.4678,
0.2614

■ 19.2988, 0.4678,
0.2614

■ 17.4252, 0.4985,
0.2633

■ 22.1468, 0.4376,
0.2644

■ 16.3809, 0.5276,
0.2705


■ 26.0805, 0.4097,
0.2712


■ 16.0962, 0.5388,
0.2742


■ 31.1995, 0.3850,
0.2804

■ 37.5912, 0.3637,
0.2909

■ 45.3346, 0.3459,
0.3019

 54.5023, 0.3311,
0.3127

 65.1616, 0.3189,
0.3231

 77.3755, 0.3089,
0.3328

 91.2034, 0.3008,
0.3418

Harmonies

Analogous

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



19.2988, 0.3374, 0.2020



19.2988, 0.4678, 0.2614



19.2988, 0.5469, 0.3329

Triad

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



19.2988, 0.4678, 0.2614



19.2988, 0.3607, 0.5628



19.2988, 0.1219, 0.1830

Complementary

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



19.2988, 0.4678, 0.2614



54.7586, 0.2608, 0.4318

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.



19.2988, 0.1240, 0.2550



19.2988, 0.4678, 0.2614



19.2988, 0.2521, 0.5313

Square

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



19.2988, 0.4678, 0.2614



19.2988, 0.4639, 0.4979



19.2988, 0.1657, 0.3892



19.2988, 0.1533, 0.1582

Rectangle

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



19.2988, 0.4678, 0.2614



19.2988, 0.5498, 0.3844



19.2988, 0.1657, 0.3892



19.2988, 0.1188, 0.2007

Sweetspot

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



19.2999, 0.4678, 0.2614



66.0695, 0.3415, 0.3049



14.3507, 0.2437, 0.1291



13.2159, 0.3473, 0.3009



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.



19.2999, 0.4678, 0.2614



23.1514, 0.5156, 0.2668



19.6459, 0.5640, 0.3413



13.1384, 0.3229, 0.3196



9.3741, 0.5348, 0.2720



0.6241, 0.4920, 0.2484

Inverse Universe

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



19.2999, 0.4678, 0.2614



23.1514, 0.5156, 0.2668



50.5938, 0.2251, 0.3092



13.1384, 0.3229, 0.3196



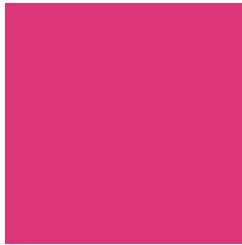
9.3741, 0.5348, 0.2720



0.6241, 0.4920, 0.2484

Previews

White Background



This preview shows how the Yxy color 19.2988, 0.4678, 0.2614 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 19.2988, 0.4678, 0.2614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

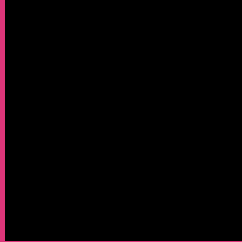
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2988, 0.4678, 0.2614

Background



This preview shows how black text looks on a background with the Yxy color 19.2988, 0.4678, 0.2614.



This preview shows how white text looks on a background with the Yxy color 19.2988, 0.4678, 0.2614.

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

19.2988, 0.4678, 0.2614

Protanopia

19.6275, 0.2612, 0.2585

Deuteranopia

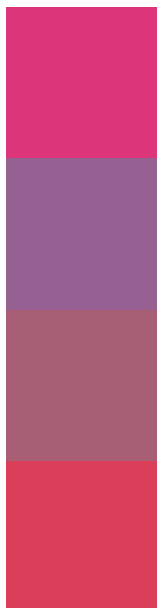
19.4675, 0.3434, 0.3381



Tritanopia

19.3619, 0.5407, 0.3269

Trichromacy



Original Color

19.2988, 0.4678, 0.2614

Protanomaly

17.0204, 0.3233, 0.2486

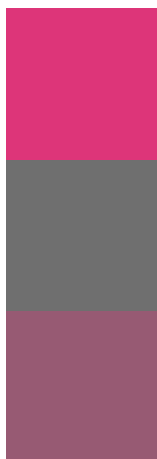
Deuteranomaly

17.5912, 0.3911, 0.2952

Tritanomaly

19.2266, 0.5164, 0.3032

Monochromacy



Original Color

19.2988, 0.4678, 0.2614

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.1294, 0.3699, 0.2868

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2988, 0.4678, 0.2614 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(221, 53, 121)` looks like.

```
.text, #text, p{  
  color:rgb(221, 53, 121)  
}
```

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(221, 53, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 53, 121) }
```

Border

The CSS property to change the border of an element to Yxy 19.2988, 0.4678, 0.2614 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(221, 53, 121) }
```

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

```
.border{ border-color:rgb(221, 53, 121) }
```

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

Here you see how a box with a 4 pixel rgb(221, 53, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 53, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 53, 121);  
box-shadow:4px 4px 4px 4px rgb(221, 53,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2988, 0.4678, 0.2614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 53, 121) }
```

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

```
.background{ background-color: rgb(221, 53,  
121) }
```

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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