

Converting Colors

$Y_{xy}(19.0858, 0.4668, 0.2668)$

Have a look what the booklet for
Yxy(19.0858, 0.4668, 0.2668)
contains.

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Color

Yxy(19.0858, 0.4668, 0.2668)

Conversions

Conversions Part 1

Format	Color
Hex	D93A76
RGB	217, 58, 118
RGB Percent	85%, 23%, 46%
CMY	0.1491, 0.7724, 0.5373
CMYK	0.00, 0.73, 0.46, 0.15
HSL	337°, 68%, 54%
HSV	337°, 73%, 85%
XYZ	33.3930, 19.0858, 19.0572
YIQ	112.3810, 75.5040, 52.3680

Conversions

Conversions Part 2

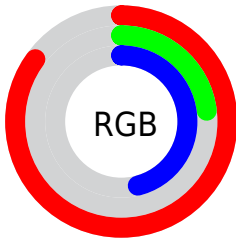
Format	Color
R_{YB}	217, 58, 118
Decimal	14236278
CIE _{Lab}	50.79, 64.93, 3.28
CIE _{LCh}	51, 65.017, 2.889
Yxy	19.0858, 0.4668, 0.2668
Android (android.graphics.Color)	4292426358 (0xFFD93A76)
YUV	112.3810, 2.7702, 91.7509
Hunter-Lab	43.6873, 59.9862, 4.7177

Details

The Yxy color **19.0858, 0.4668, 0.2668** 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 **52.9521, 0.2591, 0.4202**, and the grayscale version is **16.3014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.1191, 0.4091, 0.2762**, and **7.5101, 0.5146, 0.2609** is the 20% darker color. If you saturate the color by 10%, you get **17.0405, 0.4992, 0.2677**, and if you desaturate by 10%, it is **22.1006, 0.4355, 0.2704**.

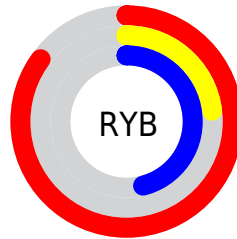
Distribution



Red (85%)

Green (23%)

Blue (46%)



Red (85%)

Yellow (23%)

Blue (46%)

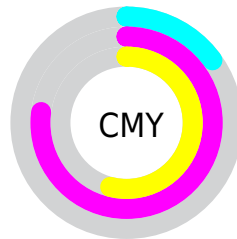


Cyan (0%)

Magenta (73%)

Yellow (46%)

Black (15%)



Cyan (15%)

Magenta (77%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0858, 0.4668, 0.2668 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 19.0858, 0.4668, 0.2668 by changing the saturation by 10% instead.

 19.0858, 0.4668,
0.2668


 19.0858, 0.4668,
0.2668


246.9220, 0.3791,
0.3029


 11.7323, 0.4926,
0.2559


 41.8790, 0.4321,
0.2813


 6.5617, 0.5282,
0.2405


 58.0875, 0.4200,
0.2863

 3.1895, 0.5798,
0.2179

 78.0165, 0.4100,
0.2904

 1.2315, 0.6593,
0.1819

 102.0503, 0.4018,
0.2937

 0.0872, 0.9576,
0.0424

 130.5734, 0.3948,
0.2966

 0.0000, 1.0000,
0.0000

163.9701, 0.3888,

 0.0000, 0.0000,

0.2990

0.0000

202.6248, 0.3836,
0.3011

■ 19.0858, 0.4668,
0.2668

■ 19.0858, 0.4668,
0.2668

■ 17.0405, 0.4992,
0.2677

■ 22.1006, 0.4355,
0.2704

■ 15.8349, 0.5303,
0.2739


■ 26.1866, 0.4069,
0.2773

■ 15.3552, 0.5497,
0.2802

■ 31.4360, 0.3818,
0.2863

■ 37.9300, 0.3605,
0.2963

■ 45.7425, 0.3428,
0.3065

 54.9418, 0.3281,
0.3165

 65.5912, 0.3161,
0.3260

 77.7502, 0.3063,
0.3349

 91.4748, 0.2982,
0.3431

Harmonies

Analogous

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



19.0858, 0.3423, 0.2079



19.0858, 0.4668, 0.2668



19.0858, 0.5400, 0.3375

Triad

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



19.0858, 0.4668, 0.2668



19.0858, 0.3566, 0.5555



19.0858, 0.1275, 0.1859

Complementary

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



19.0858, 0.4668, 0.2668



52.9521, 0.2591, 0.4202

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.



19.0858, 0.1285, 0.2542



19.0858, 0.4668, 0.2668



19.0858, 0.2511, 0.5179

Square

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



19.0858, 0.4668, 0.2668



19.0858, 0.4572, 0.4978



19.0858, 0.1681, 0.3808



19.0858, 0.1599, 0.1627

Rectangle

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



19.0858, 0.4668, 0.2668



19.0858, 0.5415, 0.3883



19.0858, 0.1681, 0.3808



19.0858, 0.1241, 0.2027

Sweetspot

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



19.0869, 0.4668, 0.2668



67.2311, 0.3411, 0.3076



15.1128, 0.2524, 0.1374



13.6767, 0.3456, 0.3048



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.



19.0869, 0.4668, 0.2668



23.4621, 0.5168, 0.2705



20.3048, 0.5466, 0.3468



13.1324, 0.3233, 0.3202



9.3161, 0.5459, 0.2781



0.6200, 0.5016, 0.2537

Inverse Universe

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



19.0869, 0.4668, 0.2668



23.4621, 0.5168, 0.2705



46.4981, 0.2247, 0.3022



13.1324, 0.3233, 0.3202



9.3161, 0.5459, 0.2781



0.6200, 0.5016, 0.2537

Previews

White Background



This preview shows how the Yxy color 19.0858, 0.4668, 0.2668 looks on a white background.

Color Contrast Check

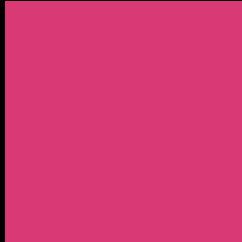
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0858, 0.4668, 0.2668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

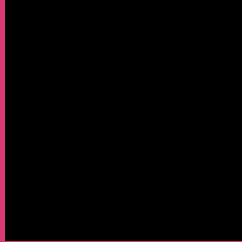
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0858, 0.4668, 0.2668

Background



This preview shows how black text looks on a background with the Yxy color 19.0858, 0.4668, 0.2668.



This preview shows how white text looks on a background with the Yxy color 19.0858, 0.4668, 0.2668.

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

19.0858, 0.4668, 0.2668

Protanopia

19.2767, 0.2692, 0.2681

Deuteranopia

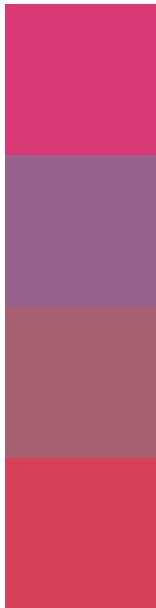
19.1667, 0.3476, 0.3418



Tritanopia

19.0334, 0.5316, 0.3257

Trichromacy



Original Color

19.0858, 0.4668, 0.2668

Protanomaly

17.0518, 0.3298, 0.2574

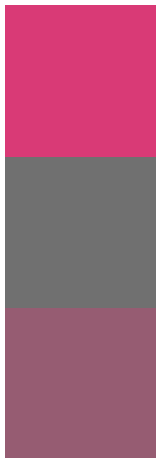
Deuteranomaly

17.6650, 0.3921, 0.3026

Tritanomaly

18.9489, 0.5107, 0.3051

Monochromacy



Original Color

19.0858, 0.4668, 0.2668

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.3532, 0.3692, 0.2916

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0858, 0.4668, 0.2668 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(217, 58, 118)` looks like.

```
.text, #text, p{  
    color:rgb(217, 58, 118)  
}
```

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(217, 58, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 58, 118) }
```

Border

The CSS property to change the border of an element to Yxy 19.0858, 0.4668, 0.2668 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(217, 58, 118) }
```

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

```
.border{ border-color:rgb(217, 58, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 58, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 58, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 58, 118);  
box-shadow:4px 4px 4px 4px rgb(217, 58,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0858, 0.4668, 0.2668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 58, 118) }
```

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

```
.background{ background-color: rgb(217, 58,  
118) }
```

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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