

Converting Colors

$Y_{xy}(18.0177, 0.4923, 0.2868)$

Have a look what the booklet for
Yxy(18.0177, 0.4923, 0.2868)
contains.

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Color

Yxy(18.0451, 0.4926, 0.2866)

Conversions

Conversions Part 1

Format	Color
Hex	D43B64
RGB	212, 59, 100
RGB Percent	83%, 23%, 39%
CMY	0.1686, 0.7686, 0.6079
CMYK	0.00, 0.72, 0.53, 0.17
HSL	344°, 64%, 53%
HSV	344°, 72%, 83%
XYZ	31.0154, 18.0451, 13.9022
YIQ	109.4210, 78.0270, 45.1870

Conversions

Conversions Part 2

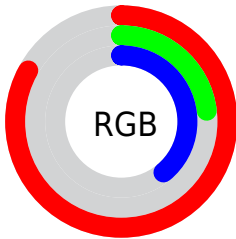
Format	Color
R _Y B	212, 59, 100
Decimal	13908836
CIE Lab	49.55, 61.68, 12.31
CIE LCh	50, 62.901, 11.285
Yxy	18.0451, 0.4926, 0.2866
Android (android.graphics.Color)	4292098916 (0xFFD43B64)
YUV	109.4210, -4.6446, 89.9618
Hunter-Lab	42.4795, 55.9883, 10.3320

Details

The Yxy color **18.0451, 0.4926, 0.2866** 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 **50.9586, 0.2509, 0.3911**, and the grayscale version is **15.4169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.2169, 0.4329, 0.2948**, and **6.8457, 0.5508, 0.2808** is the 20% darker color. If you saturate the color by 10%, you get **16.0188, 0.5308, 0.2886**, and if you desaturate by 10%, it is **21.0151, 0.4551, 0.2884**.

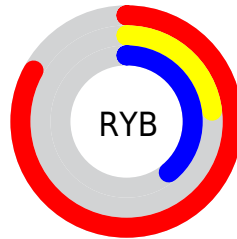
Distribution



Red (83%)

Green (23%)

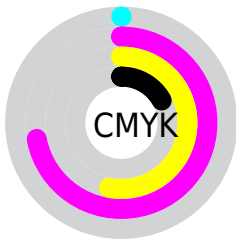
Blue (39%)



Red (83%)

Yellow (23%)

Blue (39%)

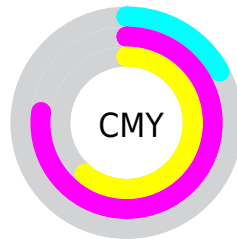


Cyan (0%)

Magenta (72%)

Yellow (53%)

Black (17%)



Cyan (17%)


Magenta (77%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0451, 0.4926, 0.2866 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 18.0451, 0.4926, 0.2866 by changing the saturation by 10% instead.


 18.0451, 0.4926,
0.2866


 18.0451, 0.4926,
0.2866


241.1251, 0.3888,
0.3141


 10.9824, 0.5235,
0.2769


 40.1142, 0.4512,
0.2985


 6.0550, 0.5662,
0.2625

 55.8893, 0.4368,
0.3024

 2.8785, 0.6276,
0.2393

 75.3373, 0.4251,
0.3054

 1.0687, 0.7394,
0.2049

 98.8427, 0.4153,
0.3078

 0.0000, 1.0000,
0.0000

 126.7897, 0.4071,
0.3098

 0.0000, 0.0000,
0.0000

159.5629, 0.4001,

0.3115

197.5466, 0.3941,
0.3129

■ 18.0451, 0.4926,
0.2866

■ 18.0451, 0.4926,
0.2866

■ 16.0188, 0.5308,
0.2886

■ 21.0151, 0.4551,
0.2884

■ 14.8151, 0.5659,
0.2950


■ 25.0242, 0.4209,
0.2931


■ 14.2904, 0.5894,
0.3021


■ 30.1595, 0.3913,
0.2994

■ 36.4979, 0.3663,
0.3065

■ 44.1098, 0.3458,
0.3138

 53.0598, 0.3290,
0.3209

 63.4082, 0.3153,
0.3276

 75.2118, 0.3042,
0.3338

 88.5240, 0.2952,
0.3396

Harmonies

Analogous

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



18.0451, 0.3775, 0.2237



18.0451, 0.4926, 0.2866



18.0451, 0.5423, 0.3587

Triad

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



18.0451, 0.4926, 0.2866



18.0451, 0.3270, 0.5542



18.0451, 0.1350, 0.1773

Complementary

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



18.0451, 0.4926, 0.2866



50.9586, 0.2509, 0.3911

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.



18.0451, 0.1267, 0.2309



18.0451, 0.4926, 0.2866



18.0451, 0.2256, 0.4830

Square

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



18.0451, 0.4926, 0.2866



18.0451, 0.4301, 0.5172



18.0451, 0.1545, 0.3403



18.0451, 0.1770, 0.1639

Rectangle

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



18.0451, 0.4926, 0.2866



18.0451, 0.5294, 0.4106



18.0451, 0.1545, 0.3403



18.0451, 0.1286, 0.1899

Sweetspot

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



18.0461, 0.4926, 0.2866



66.9121, 0.3459, 0.3137



16.2793, 0.2706, 0.1482



13.6022, 0.3511, 0.3117



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.



18.0461, 0.4926, 0.2866



23.1388, 0.5516, 0.2918



21.9949, 0.5254, 0.3636



12.4749, 0.3249, 0.3228



8.8365, 0.5859, 0.3001



0.5468, 0.5359, 0.2726

Inverse Universe

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



18.0461, 0.4926, 0.2866



23.1388, 0.5516, 0.2918



37.8650, 0.2195, 0.2791



12.4749, 0.3249, 0.3228



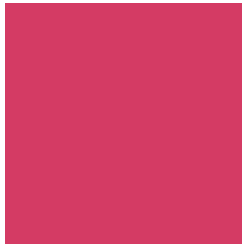
8.8365, 0.5859, 0.3001



0.5468, 0.5359, 0.2726

Previews

White Background



This preview shows how the Yxy color 18.0451, 0.4926, 0.2866 looks on a white background.

Color Contrast Check

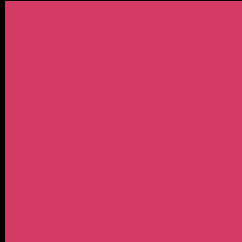
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0451, 0.4926, 0.2866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

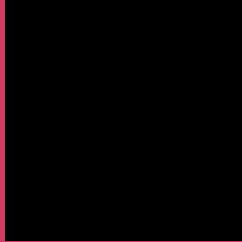
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0451, 0.4926, 0.2866

Background



This preview shows how black text looks on a background with the Yxy color 18.0451, 0.4926, 0.2866.



This preview shows how white text looks on a background with the Yxy color 18.0451, 0.4926, 0.2866.

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

18.0451, 0.4926, 0.2866

Protanopia

18.3505, 0.2978, 0.3063

Deuteranopia

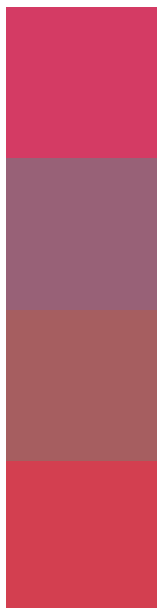
18.3139, 0.3738, 0.3673



Tritanopia

18.0277, 0.5365, 0.3267

Trichromacy



Original Color

18.0451, 0.4926, 0.2866

Protanomaly

16.5567, 0.3627, 0.2921

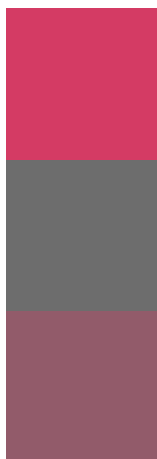
Deuteranomaly

16.9569, 0.4201, 0.3262

Tritanomaly

17.9831, 0.5229, 0.3125

Monochromacy



Original Color

18.0451, 0.4926, 0.2866

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.6338, 0.3765, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0451, 0.4926, 0.2866 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(212, 59, 100)` looks like.

```
.text, #text, p{  
    color:rgb(212, 59, 100)  
}
```

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(212, 59, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 59, 100) }
```

Border

The CSS property to change the border of an element to Yxy 18.0451, 0.4926, 0.2866 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(212, 59, 100) }
```

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

```
.border{ border-color:rgb(212, 59, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 59, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 59, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 59, 100);  
box-shadow:4px 4px 4px 4px rgb(212, 59,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0451, 0.4926, 0.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 59, 100) }
```

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

```
.background{ background-color: rgb(212, 59,  
100) }
```

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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