

Converting Colors

$Yxy(18.3129, 0.4950, 0.2847)$

Have a look what the booklet for
Yxy(18.3129, 0.4950, 0.2847)
contains.

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Color

Yxy(18.3129, 0.4950, 0.2847)

Conversions

Conversions Part 1

Format	Color
Hex	D73965
RGB	215, 57, 101
RGB Percent	84%, 22%, 40%
CMY	0.1568, 0.7765, 0.6039
CMYK	0.00, 0.73, 0.53, 0.16
HSL	343°, 66%, 53%
HSV	343°, 73%, 84%
XYZ	31.8401, 18.3129, 14.1705
YIQ	109.2580, 80.0440, 47.1800

Conversions

Conversions Part 2

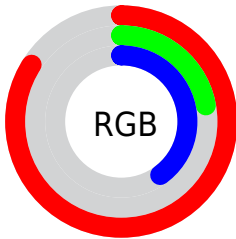
Format	Color
R_{YB}	215, 57, 101
Decimal	14104933
CIE Lab	49.87, 63.32, 12.22
CIE LCh	50, 64.487, 10.925
Yxy	18.3129, 0.4950, 0.2847
Android (android.graphics.Color)	4292295013 (0xFFD73965)
YUV	109.2580, -4.0712, 92.7357
Hunter-Lab	42.7936, 57.9224, 10.3225

Details

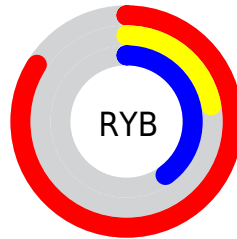
The Yxy color **18.3129, 0.4950, 0.2847** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **52.4181, 0.2514, 0.3952**, and the grayscale version is **15.3634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.0178, 0.4320, 0.2928**, and **7.1459, 0.5514, 0.2811** is the 20% darker color. If you saturate the color by 10%, you get **16.3439, 0.5325, 0.2872**, and if you desaturate by 10%, it is **21.2407, 0.4578, 0.2863**.

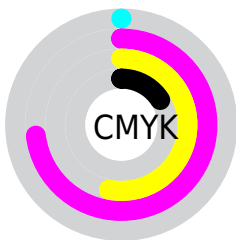
Distribution



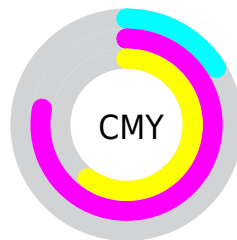
- Red (84%)
- Green (22%)
- Blue (40%)



- Red (84%)
- Yellow (22%)
- Blue (40%)



- Cyan (0%)
- Magenta (73%)
- Yellow (53%)
- Black (16%)





- Cyan (16%)
- Magenta (78%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.3129, 0.4950, 0.2847 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 18.3129, 0.4950, 0.2847 by changing the saturation by 10% instead.


 18.3129, 0.4950,
0.2847

 18.3129, 0.4950,
0.2847


242.6288, 0.3901,
0.3133


 11.1749, 0.5261,
0.2748


 40.5698, 0.4533,
0.2970


 6.1846, 0.5688,
0.2601

 56.4574, 0.4387,
0.3010


 2.9576, 0.6301,
0.2367

 76.0304, 0.4269,
0.3041

 1.1097, 0.7377,
0.2014

 99.6731, 0.4170,
0.3067

 0.0000, 1.0000,
0.0000

 127.7698, 0.4087,
0.3088

 0.0000, 0.0000,
0.0000

160.7051, 0.4016,

0.3105

198.8633, 0.3955,
0.3120

■ 18.3129, 0.4950,
0.2847

■ 18.3129, 0.4950,
0.2847

■ 16.3439, 0.5325,
0.2872

■ 21.2407, 0.4578,
0.2863

■ 15.2050, 0.5668,
0.2942


■ 25.2283, 0.4236,
0.2908


■ 14.7745, 0.5861,
0.3002


■ 30.3672, 0.3938,
0.2972


■ 36.7381, 0.3686,
0.3046

■ 44.4143, 0.3478,
0.3122

 53.4635, 0.3308,
0.3196

 63.9486, 0.3169,
0.3266

 75.9286, 0.3057,
0.3332

 89.4591, 0.2965,
0.3392

Harmonies

Analogous

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



18.3129, 0.3770, 0.2214



18.3129, 0.4950, 0.2847



18.3129, 0.5462, 0.3574

Triad

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



18.3129, 0.4950, 0.2847



18.3129, 0.3277, 0.5590



18.3129, 0.1322, 0.1753

Complementary

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



18.3129, 0.4950, 0.2847



52.4181, 0.2514, 0.3952

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.



18.3129, 0.1242, 0.2298



18.3129, 0.4950, 0.2847



18.3129, 0.2247, 0.4881

Square

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



18.3129, 0.4950, 0.2847



18.3129, 0.4322, 0.5189



18.3129, 0.1524, 0.3418



18.3129, 0.1742, 0.1615

Rectangle

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



18.3129, 0.4950, 0.2847



18.3129, 0.5332, 0.4098



18.3129, 0.1524, 0.3418



18.3129, 0.1259, 0.1881

Sweetspot

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



18.3140, 0.4950, 0.2847



66.9429, 0.3454, 0.3131



16.4047, 0.2695, 0.1457



13.6094, 0.3506, 0.3111



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.



18.3140, 0.4950, 0.2847



23.0115, 0.5515, 0.2904



22.2654, 0.5311, 0.3635



12.4771, 0.3248, 0.3225



8.8512, 0.5823, 0.2981



0.5479, 0.5323, 0.2706

Inverse Universe

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



18.3140, 0.4950, 0.2847



23.0115, 0.5515, 0.2904



38.7330, 0.2184, 0.2780



12.4771, 0.3248, 0.3225



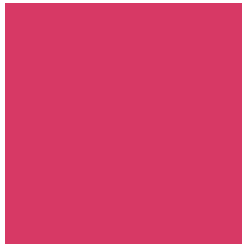
8.8512, 0.5823, 0.2981



0.5479, 0.5323, 0.2706

Previews

White Background



This preview shows how the Yxy color 18.3129, 0.4950, 0.2847 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 18.3129, 0.4950, 0.2847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

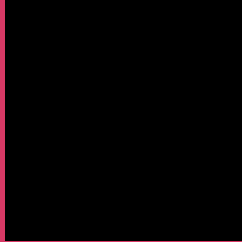
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.3129, 0.4950, 0.2847

Background



This preview shows how black text looks on a background with the Yxy color 18.3129, 0.4950, 0.2847.

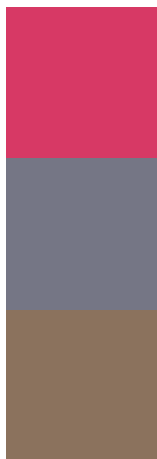


This preview shows how white text looks on a background with the Yxy color 18.3129, 0.4950, 0.2847.

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

18.3129, 0.4950, 0.2847

Protanopia

18.4322, 0.2945, 0.3008

Deuteranopia

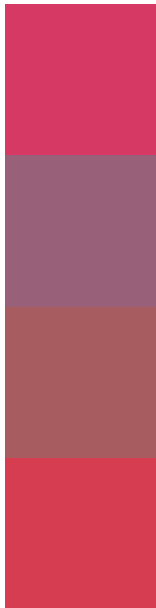
18.3139, 0.3738, 0.3673



Tritanopia

18.2303, 0.5420, 0.3259

Trichromacy



Original Color

18.3129, 0.4950, 0.2847

Protanomaly

16.5185, 0.3614, 0.2874

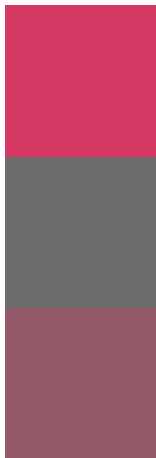
Deuteranomaly

16.8887, 0.4222, 0.3247

Tritanomaly

18.2128, 0.5270, 0.3111

Monochromacy



Original Color

18.3129, 0.4950, 0.2847

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.6488, 0.3800, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3129, 0.4950, 0.2847 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(215, 57, 101)` looks like.

```
.text, #text, p{  
  color:rgb(215, 57, 101)  
}
```

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(215, 57, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 57, 101) }
```

Border

The CSS property to change the border of an element to Yxy 18.3129, 0.4950, 0.2847 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(215, 57, 101) }
```

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

```
.border{ border-color:rgb(215, 57, 101) }
```

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

Here you see how a box with a 4 pixel rgb(215, 57, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 57, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 57, 101);  
box-shadow:4px 4px 4px 4px rgb(215, 57,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3129, 0.4950, 0.2847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 57, 101) }
```

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

```
.background{ background-color: rgb(215, 57,  
101) }
```

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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