

Converting Colors

$Yxy(19.1567, 0.4826, 0.2801)$

Have a look what the booklet for
Yxy(19.1567, 0.4826, 0.2801)
contains.

Yxy(19.1719, 0.4829, 0.2807)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.1719, 0.4829, 0.2807)

Conversions

Conversions Part 1

Format	Color
Hex	D93D6C
RGB	217, 61, 108
RGB Percent	85%, 24%, 42%
CMY	0.1492, 0.7605, 0.5765
CMYK	0.00, 0.72, 0.50, 0.15
HSL	342°, 67%, 55%
HSV	342°, 72%, 85%
XYZ	32.9822, 19.1719, 16.1462
YIQ	113.0020, 77.8890, 47.6890

Conversions

Conversions Part 2

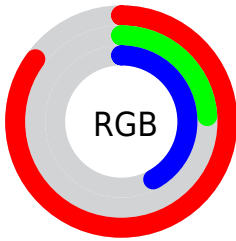
Format	Color
R_{YB}	217, 61, 108
Decimal	14237036
CIE Lab	50.89, 63.05, 9.46
CIE LCh	51, 63.756, 8.536
Yxy	19.1719, 0.4829, 0.2807
Android (android.graphics.Color)	4292427116 (0xFFD93D6C)
YUV	113.0020, -2.4660, 91.2062
Hunter-Lab	43.7857, 57.8326, 8.7865

Details

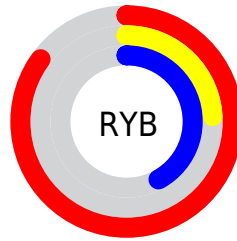
The Yxy color **19.1719, 0.4829, 0.2807** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **53.5047, 0.2535, 0.3990**, and the grayscale version is **16.5120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.1961, 0.4218, 0.2894**, and **7.4048, 0.5383, 0.2739** is the 20% darker color. If you saturate the color by 10%, you get **17.0086, 0.5195, 0.2822**, and if you desaturate by 10%, it is **22.3301, 0.4473, 0.2832**.

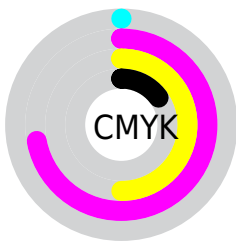
Distribution



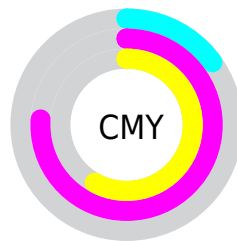
- Red (85%)
- Green (24%)
- Blue (42%)



- Red (85%)
- Yellow (24%)
- Blue (42%)



- Cyan (0%)
- Magenta (72%)
- Yellow (50%)
- Black (15%)





- Cyan (15%)
- Magenta (76%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1719, 0.4829, 0.2807 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 19.1719, 0.4829, 0.2807 by changing the saturation by 10% instead.


 19.1719, 0.4829,
0.2807


 19.1719, 0.4829,
0.2807


247.3961, 0.3856,
0.3105


 11.7946, 0.5115,
0.2709

 42.0244, 0.4444,
0.2932


 6.6039, 0.5509,
0.2567


 58.2683, 0.4309,
0.2973


 3.2157, 0.6077,
0.2347

 78.2365, 0.4199,
0.3007

 1.2453, 0.6968,
0.1992

 102.3134, 0.4107,
0.3034

 0.0983, 0.9510,
0.0490

 130.8835, 0.4030,
0.3056

 0.0000, 1.0000,
0.0000

164.3310, 0.3963,

 0.0000, 0.0000,

0.3075

0.0000

203.0404, 0.3906,
0.3091

■ 19.1719, 0.4829,
0.2807

■ 19.1719, 0.4829,
0.2807

■ 17.0086, 0.5195,
0.2822

■ 22.3301, 0.4473,
0.2832

■ 15.7133, 0.5540,
0.2884


■ 26.5834, 0.4150,
0.2887

■ 15.1313, 0.5785,
0.2961

■ 32.0232, 0.3869,
0.2959

■ 38.7305, 0.3633,
0.3039

■ 46.7790, 0.3438,
0.3121

 56.2366, 0.3279,
0.3201

 67.1668, 0.3148,
0.3277

 79.6292, 0.3043,
0.3347

 92.8271, 0.2956,
0.3397

Harmonies

Analogous

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



19.1719, 0.3655, 0.2194



19.1719, 0.4829, 0.2807



19.1719, 0.5400, 0.3520

Triad

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



19.1719, 0.4829, 0.2807



19.1719, 0.3369, 0.5530



19.1719, 0.1337, 0.1811

Complementary

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



19.1719, 0.4829, 0.2807



53.5047, 0.2535, 0.3990

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.



19.1719, 0.1285, 0.2390



19.1719, 0.4829, 0.2807



19.1719, 0.2347, 0.4929

Square

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



19.1719, 0.4829, 0.2807



19.1719, 0.4384, 0.5099



19.1719, 0.1600, 0.3530



19.1719, 0.1723, 0.1646

Rectangle

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



19.1719, 0.4829, 0.2807



19.1719, 0.5319, 0.4033



19.1719, 0.1600, 0.3530



19.1719, 0.1283, 0.1950

Sweetspot

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



19.1730, 0.4829, 0.2807



67.0076, 0.3444, 0.3119



16.6328, 0.2651, 0.1457



13.6245, 0.3494, 0.3096



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.



19.1730, 0.4829, 0.2807



23.4572, 0.5370, 0.2847



22.3365, 0.5300, 0.3579



13.1157, 0.3245, 0.3220



9.1796, 0.5748, 0.2940



0.6097, 0.5280, 0.2682

Inverse Universe

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



19.1730, 0.4829, 0.2807



23.4572, 0.5370, 0.2847



42.1318, 0.2217, 0.2872



13.1157, 0.3245, 0.3220



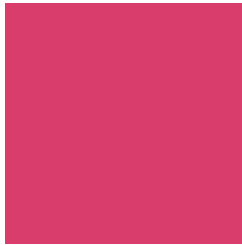
9.1796, 0.5748, 0.2940



0.6097, 0.5280, 0.2682

Previews

White Background



This preview shows how the Yxy color 19.1719, 0.4829, 0.2807 looks on a white background.

Color Contrast Check

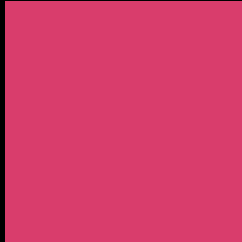
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1719, 0.4829, 0.2807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

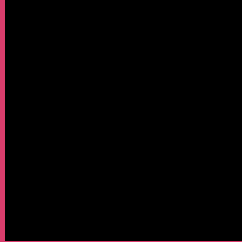
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1719, 0.4829, 0.2807

Background



This preview shows how black text looks on a background with the Yxy color 19.1719, 0.4829, 0.2807.

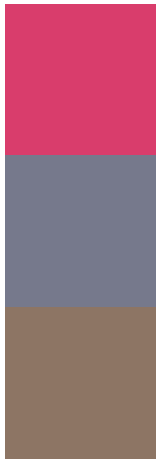


This preview shows how white text looks on a background with the Yxy color 19.1719, 0.4829, 0.2807.

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

19.1719, 0.4829, 0.2807

Protanopia

19.4197, 0.2884, 0.2942

Deuteranopia

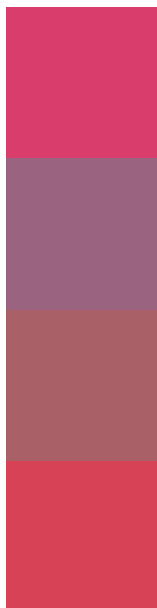
19.3054, 0.3659, 0.3595



Tritanopia

19.1844, 0.5324, 0.3257

Trichromacy



Original Color

19.1719, 0.4829, 0.2807

Protanomaly

17.3522, 0.3516, 0.2814

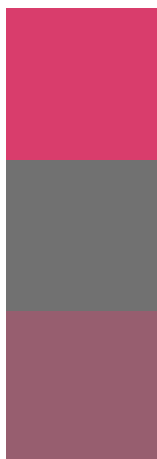
Deuteranomaly

17.9637, 0.4113, 0.3200

Tritanomaly

19.1672, 0.5158, 0.3095

Monochromacy



Original Color

19.1719, 0.4829, 0.2807

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

15.7324, 0.3746, 0.3002

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1719, 0.4829, 0.2807 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, 61, 108)` looks like.

```
.text, #text, p{  
    color:rgb(217, 61, 108)  
}
```

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, 61, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 61, 108) }
```

Border

The CSS property to change the border of an element to Yxy 19.1719, 0.4829, 0.2807 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, 61, 108) }
```

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

```
.border{ border-color:rgb(217, 61, 108) }
```

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

Here you see how a box with a 4 pixel rgb(217, 61, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 61, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 61, 108);  
box-shadow:4px 4px 4px 4px rgb(217, 61,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1719, 0.4829, 0.2807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 61, 108) }
```

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

```
.background{ background-color: rgb(217, 61,  
108) }
```

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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