

Converting Colors

$Y_{xy}(18.1429, 0.5006, 0.3067)$

Have a look what the booklet for
Yxy(18.1429, 0.5006, 0.3067)
contains.

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Color

Yxy(18.1209, 0.5008, 0.3066)

Conversions

Conversions Part 1

Format	Color
Hex	CF4459
RGB	207, 68, 89
RGB Percent	81%, 27%, 35%
CMY	0.1883, 0.7332, 0.6511
CMYK	0.00, 0.67, 0.57, 0.19
HSL	351°, 59%, 54%
HSV	351°, 67%, 81%
XYZ	29.5987, 18.1209, 11.3832
YIQ	111.9550, 76.1030, 35.9990

Conversions

Conversions Part 2

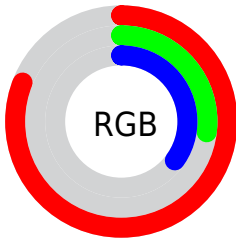
Format	Color
R_{YB}	207, 68, 89
Decimal	13583449
CIE _{Lab}	49.64, 55.97, 18.96
CIE _{LCh}	50, 59.090, 18.714
Yxy	18.1209, 0.5008, 0.3066
Android (android.graphics.Color)	4291773529 (0xFFCF4459)
YUV	111.9550, -11.3168, 83.3545
Hunter-Lab	42.5687, 49.6187, 13.9434

Details

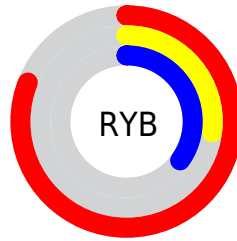
The Yxy color **18.1209, 0.5008, 0.3066** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **49.3955, 0.2446, 0.3600**, and the grayscale version is **16.2091, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.5394, 0.4443, 0.3141**, and **6.2928, 0.5712, 0.2920** is the 20% darker color. If you saturate the color by 10%, you get **15.7829, 0.5441, 0.3077**, and if you desaturate by 10%, it is **21.4150, 0.4587, 0.3079**.

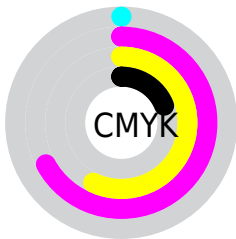
Distribution



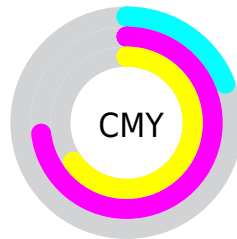
- Red (81%)
- Green (27%)
- Blue (35%)



- Red (81%)
- Yellow (27%)
- Blue (35%)



- Cyan (0%)
- Magenta (67%)
- Yellow (57%)
- Black (19%)





- Cyan (19%)
- Magenta (73%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.1209, 0.5008, 0.3066 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 18.1209, 0.5008, 0.3066 by changing the saturation by 10% instead.


 18.1209, 0.5008,
0.3066


 18.1209, 0.5008,
0.3066


241.5516, 0.3921,
0.3244


 11.0368, 0.5330,
0.2989


 40.2432, 0.4576,
0.3152


 6.0916, 0.5771,
0.2865

 56.0503, 0.4424,
0.3177


 2.9009, 0.6396,
0.2650

 75.5337, 0.4301,
0.3196

 1.0802, 0.7646,
0.2354

 99.0781, 0.4199,
0.3211

 0.0000, 1.0000,
0.0000

 127.0676, 0.4113,
0.3222

 0.0000, 0.0000,
0.0000

159.8868, 0.4040,

0.3231

197.9200, 0.3976,
0.3238

■ 18.1209, 0.5008,
0.3066

■ 18.1209, 0.5008,
0.3066

■ 15.7829, 0.5441,
0.3077

■ 21.4150, 0.4587,
0.3079

■ 14.2950, 0.5835,
0.3115

■ 25.7503, 0.4209,
0.3107

■ 13.5210, 0.6136,
0.3177

■ 31.2061, 0.3888,
0.3144

■ 13.3633, 0.6206,
0.3192

■ 37.8529, 0.3621,
0.3184

■ 45.7557, 0.3405,
0.3225

■ 54.9746, 0.3231,
0.3264

■ 65.5658, 0.3090,
0.3300

■ 77.5823, 0.2976,
0.3333

■ 91.0743, 0.2884,
0.3364

Harmonies

Analogous

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



18.1209, 0.4034, 0.2427



18.1209, 0.5008, 0.3066



18.1209, 0.5294, 0.3782

Triad

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



18.1209, 0.5008, 0.3066



18.1209, 0.3036, 0.5330



18.1209, 0.1497, 0.1785

Complementary

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



18.1209, 0.5008, 0.3066



49.3955, 0.2446, 0.3600

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.



18.1209, 0.1339, 0.2199



18.1209, 0.5008, 0.3066



18.1209, 0.2109, 0.4413

Square

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



18.1209, 0.5008, 0.3066



18.1209, 0.4036, 0.5229



18.1209, 0.1522, 0.3102



18.1209, 0.1994, 0.1727

Rectangle

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



18.1209, 0.5008, 0.3066



18.1209, 0.5077, 0.4290



18.1209, 0.1522, 0.3102



18.1209, 0.1409, 0.1877

Sweetspot

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



18.1219, 0.5008, 0.3066



69.1834, 0.3468, 0.3212



18.8109, 0.2931, 0.1668



14.0311, 0.3528, 0.3201



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.



18.1219, 0.5008, 0.3066



23.9840, 0.5640, 0.3092



25.7943, 0.4875, 0.3830



11.8369, 0.3267, 0.3255



8.4296, 0.6180, 0.3178



0.4808, 0.5730, 0.2930

Inverse Universe

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



18.1219, 0.5008, 0.3066



23.9840, 0.5640, 0.3092



31.1077, 0.2175, 0.2569



11.8369, 0.3267, 0.3255



8.4296, 0.6180, 0.3178



0.4808, 0.5730, 0.2930

Previews

White Background



This preview shows how the Yxy color 18.1209, 0.5008, 0.3066 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 18.1209, 0.5008, 0.3066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

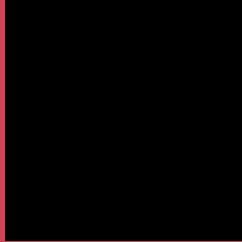
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.1209, 0.5008, 0.3066

Background



This preview shows how black text looks on a background with the Yxy color 18.1209, 0.5008, 0.3066.

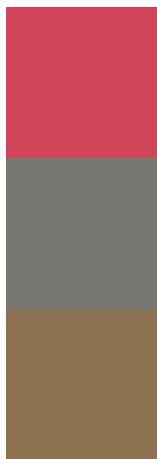


This preview shows how white text looks on a background with the Yxy color 18.1209, 0.5008, 0.3066.

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

18.1209, 0.5008, 0.3066

Protanopia

18.2867, 0.3238, 0.3386

Deuteranopia

18.3946, 0.3925, 0.3861



Tritanopia

18.1363, 0.5198, 0.3254

Trichromacy



Original Color

18.1209, 0.5008, 0.3066

Protanomaly

16.8861, 0.3856, 0.3224

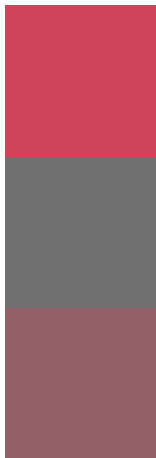
Deuteranomaly

17.3123, 0.4350, 0.3480

Tritanomaly

18.0813, 0.5129, 0.3188

Monochromacy



Original Color

18.1209, 0.5008, 0.3066

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.5683, 0.3788, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1209, 0.5008, 0.3066 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(207, 68, 89)` looks like.

```
.text, #text, p{  
    color:rgb(207, 68, 89)  
}
```

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(207, 68, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 68, 89) }
```

Border

The CSS property to change the border of an element to Yxy 18.1209, 0.5008, 0.3066 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(207, 68, 89) }
```

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

```
.border{ border-color:rgb(207, 68, 89) }
```

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

Here you see how a box with a 4 pixel rgb(207, 68, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 68, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 68, 89);  
box-shadow:4px 4px 4px 4px rgb(207, 68,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1209, 0.5008, 0.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 68, 89) }
```

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

```
.background{ background-color: rgb(207, 68,  
89) }
```

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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