

Converting Colors

$Yxy(19.0329, 0.4849, 0.3193)$

Have a look what the booklet for
Yxy(19.0329, 0.4849, 0.3193)
contains.

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Color

Yxy(19.0236, 0.4849, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	C95159
RGB	201, 81, 89
RGB Percent	79%, 32%, 35%
CMY	0.2117, 0.6824, 0.6509
CMYK	0.00, 0.60, 0.56, 0.21
HSL	356°, 53%, 55%
HSV	356°, 60%, 79%
XYZ	28.8357, 19.0236, 11.6080
YIQ	117.7920, 68.9520, 27.9280

Conversions

Conversions Part 2

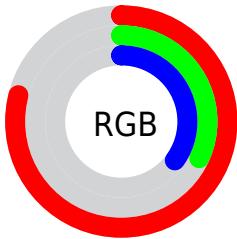
Format	Color
R_{YB}	201, 81, 89
Decimal	13193561
CIE _{Lab}	50.71, 48.41, 20.19
CIE _{LCh}	51, 52.449, 22.643
Yxy	19.0236, 0.4849, 0.3199
Android (android.graphics.Color)	4291383641 (0xFFC95159)
YUV	117.7920, -14.1945, 72.9734
Hunter-Lab	43.6161, 41.6829, 14.7517

Details

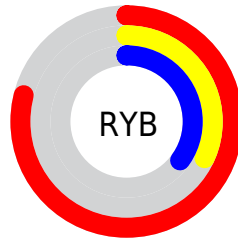
The Yxy color **19.0236, 0.4849, 0.3199** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **47.3764, 0.2438, 0.3406**, and the grayscale version is **18.0778, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.4520, 0.4387, 0.3252**, and **6.5859, 0.5540, 0.3056** is the 20% darker color. If you saturate the color by 10%, you get **16.1906, 0.5309, 0.3199**, and if you desaturate by 10%, it is **22.8229, 0.4420, 0.3208**.

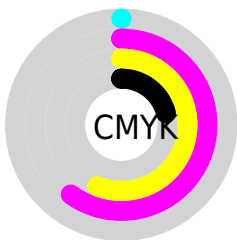
Distribution



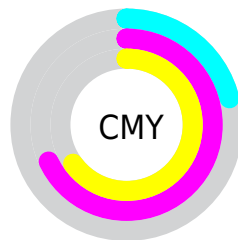
- Red (79%)
- Green (32%)
- Blue (35%)



- Red (79%)
- Yellow (32%)
- Blue (35%)



- Cyan (0%)
- Magenta (60%)
- Yellow (56%)
- Black (21%)



- Cyan (21%)
- Magenta (68%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.0236, 0.4849, 0.3199 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 19.0236, 0.4849, 0.3199 by changing the saturation by 10% instead.


 19.0236, 0.4849,
0.3199


 19.0236, 0.4849,
0.3199


246.5790, 0.3858,
0.3298

 11.6873, 0.5142,
0.3146


 41.7740, 0.4455,
0.3253


 6.5312, 0.5544,
0.3056


 57.9569, 0.4318,
0.3267

 3.1707, 0.6116,
0.2890

 77.8574, 0.4205,
0.3277

 1.2215, 0.7314,
0.2686

 101.8600, 0.4112,
0.3284

 0.0791, 0.9438,
0.0562

 130.3491, 0.4033,
0.3289

 0.0000, 1.0000,
0.0000

163.7090, 0.3966,

 0.0000, 0.0000,

0.3293

0.0000

202.3242, 0.3908,
0.3296

■ 19.0236, 0.4849,
0.3199

■ 19.0236, 0.4849,
0.3199

■ 16.1906, 0.5309,
0.3199

■ 22.8229, 0.4420,
0.3208

■ 14.2340, 0.5751,
0.3212

■ 27.6618, 0.4048,
0.3222

■ 13.0524, 0.6107,
0.3237

■ 33.6100, 0.3739,
0.3239

■ 12.4634, 0.6331,
0.3264

■ 40.7304, 0.3487,
0.3257

■ 12.4491, 0.6336,
0.3264

■ 49.0811, 0.3285,
0.3274

■ 58.7165, 0.3123,
0.3290

■ 69.6874, 0.2992,
0.3305

■ 82.0423, 0.2887,
0.3319

■ 91.1589, 0.2811,
0.3289

Harmonies

Analogous

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



19.0236, 0.4059, 0.2593



19.0236, 0.4849, 0.3199



19.0236, 0.5039, 0.3869

Triad

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



19.0236, 0.4849, 0.3199



19.0236, 0.2961, 0.4985



19.0236, 0.1696, 0.1916

Complementary

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



19.0236, 0.4849, 0.3199



47.3764, 0.2438, 0.3406

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.



19.0236, 0.1512, 0.2261



19.0236, 0.4849, 0.3199



19.0236, 0.2148, 0.4113

Square

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



19.0236, 0.4849, 0.3199



19.0236, 0.3867, 0.5062



19.0236, 0.1649, 0.3016



19.0236, 0.2203, 0.1891

Rectangle

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



19.0236, 0.4849, 0.3199



19.0236, 0.4823, 0.4328



19.0236, 0.1649, 0.3016



19.0236, 0.1600, 0.1991

Sweetspot

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



19.0246, 0.4849, 0.3199



71.6721, 0.3455, 0.3260



21.1791, 0.3077, 0.1863



14.5057, 0.3522, 0.3255



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.



19.0246, 0.4849, 0.3199



26.4526, 0.5460, 0.3202



29.2458, 0.4517, 0.3921



10.6483, 0.3279, 0.3275



7.8316, 0.6319, 0.3255



0.3749, 0.6047, 0.3105

Inverse Universe

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



19.0246, 0.4849, 0.3199



26.4526, 0.5460, 0.3202



28.1010, 0.2223, 0.2498



10.6483, 0.3279, 0.3275



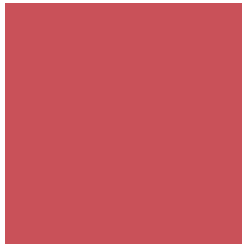
7.8316, 0.6319, 0.3255



0.3749, 0.6047, 0.3105

Previews

White Background



This preview shows how the Yxy color 19.0236, 0.4849, 0.3199 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 19.0236, 0.4849, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

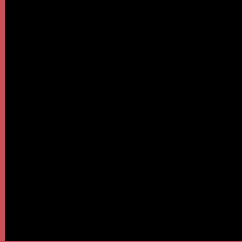
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0236, 0.4849, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 19.0236, 0.4849, 0.3199.

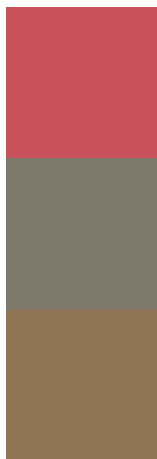


This preview shows how white text looks on a background with the Yxy color 19.0236, 0.4849, 0.3199.

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

19.0236, 0.4849, 0.3199

Protanopia

19.2483, 0.3369, 0.3554

Deuteranopia

19.1351, 0.3939, 0.3868



Tritanopia

18.9905, 0.4881, 0.3224

Trichromacy



Original Color

19.0236, 0.4849, 0.3199

Protanomaly

18.0982, 0.3896, 0.3393

Deuteranomaly

18.3557, 0.4287, 0.3575

Tritanomaly

19.0069, 0.4865, 0.3212

Monochromacy



Original Color

19.0236, 0.4849, 0.3199

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.4606, 0.3715, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0236, 0.4849, 0.3199 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(201, 81, 89)` looks like.

```
.text, #text, p{  
    color:rgb(201, 81, 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(201, 81, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 81, 89) }
```

Border

The CSS property to change the border of an element to Yxy 19.0236, 0.4849, 0.3199 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(201, 81, 89) }
```

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

```
.border{ border-color:rgb(201, 81, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 81, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 81, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 81, 89);  
box-shadow:4px 4px 4px 4px rgb(201, 81,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0236, 0.4849, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 81, 89) }
```

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

```
.background{ background-color: rgb(201, 81,  
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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