

Converting Colors

$Yxy(18.9748, 0.4844, 0.3188)$

Have a look what the booklet for
Yxy(18.9748, 0.4844, 0.3188)
contains.

Yxy(19.0406, 0.4833, 0.3187)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(19.0406, 0.4833, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	C9515A
RGB	201, 81, 90
RGB Percent	79%, 32%, 35%
CMY	0.2118, 0.6823, 0.6470
CMYK	0.00, 0.60, 0.55, 0.21
HSL	355°, 53%, 55%
HSV	355°, 60%, 79%
XYZ	28.8746, 19.0406, 11.8294
YIQ	117.9060, 68.6310, 28.2390

Conversions

Conversions Part 2

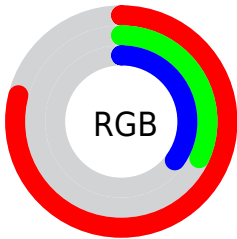
Format	Color
R_{YB}	201, 81, 90
Decimal	13193562
CIE _{Lab}	50.73, 48.47, 19.63
CIE _{LCh}	51, 52.294, 22.044
Yxy	19.0406, 0.4833, 0.3187
Android (android.graphics.Color)	4291383642 (0xFFC9515A)
YUV	117.9060, -13.7577, 72.8734
Hunter-Lab	43.6355, 41.7550, 14.4716

Details

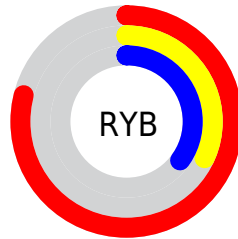
The Yxy color **19.0406, 0.4833, 0.3187** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **47.3254, 0.2443, 0.3421**, and the grayscale version is **18.1153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.4814, 0.4376, 0.3242**, and **6.5935, 0.5516, 0.3042** is the 20% darker color. If you saturate the color by 10%, you get **16.2051, 0.5290, 0.3187**, and if you desaturate by 10%, it is **22.8412, 0.4408, 0.3197**.

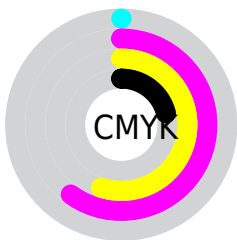
Distribution



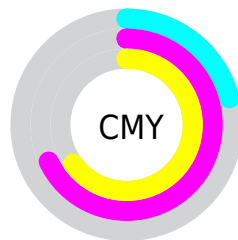
- Red (79%)
- Green (32%)
- Blue (35%)



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



- Cyan (0%)
- Magenta (60%)
- Yellow (55%)
- Black (21%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0406, 0.4833, 0.3187 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 19.0406, 0.4833, 0.3187 by changing the saturation by 10% instead.


 19.0406, 0.4833,
0.3187


 19.0406, 0.4833,
0.3187


246.6728, 0.3851,
0.3291


 11.6996, 0.5124,
0.3134


 41.8027, 0.4443,
0.3242


 6.5395, 0.5523,
0.3043


 57.9926, 0.4306,
0.3257


 3.1758, 0.6093,
0.2877

 77.9009, 0.4195,
0.3268

 1.2242, 0.7316,
0.2684

 101.9121, 0.4103,
0.3276

 0.0813, 0.9425,
0.0575

 130.4104, 0.4025,
0.3281

 0.0000, 1.0000,
0.0000

163.7804, 0.3958,

 0.0000, 0.0000,

0.3285

0.0000

202.4064, 0.3901,
0.3289

■ 19.0406, 0.4833,
0.3187

■ 19.0406, 0.4833,
0.3187

■ 16.2051, 0.5290,
0.3187

■ 22.8412, 0.4408,
0.3197

■ 14.2451, 0.5732,
0.3200

■ 27.6800, 0.4040,
0.3214

■ 13.0594, 0.6091,
0.3228

■ 33.6266, 0.3733,
0.3233

■ 12.4663, 0.6321,
0.3258

■ 40.7436, 0.3484,
0.3253

■ 12.4513, 0.6327,
0.3259

■ 49.0892, 0.3284,
0.3272

■ 58.7174, 0.3123,
0.3291

■ 69.6791, 0.2993,
0.3307

■ 82.0226, 0.2889,
0.3322

■ 91.1566, 0.2811,
0.3289

Harmonies

Analogous

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



19.0406, 0.4036, 0.2584



19.0406, 0.4833, 0.3187



19.0406, 0.5036, 0.3855

Triad

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



19.0406, 0.4833, 0.3187



19.0406, 0.2981, 0.4988



19.0406, 0.1693, 0.1923

Complementary

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



19.0406, 0.4833, 0.3187



47.3254, 0.2443, 0.3421

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.



19.0406, 0.1515, 0.2275



19.0406, 0.4833, 0.3187



19.0406, 0.2165, 0.4132

Square

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



19.0406, 0.4833, 0.3187



19.0406, 0.3883, 0.5051



19.0406, 0.1659, 0.3037



19.0406, 0.2192, 0.1892

Rectangle

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



19.0406, 0.4833, 0.3187



19.0406, 0.4828, 0.4313



19.0406, 0.1659, 0.3037



19.0406, 0.1599, 0.2000

Sweetspot

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



19.0416, 0.4833, 0.3187



71.6910, 0.3452, 0.3256



21.1791, 0.3077, 0.1864



14.5102, 0.3518, 0.3250



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.



19.0416, 0.4833, 0.3187



26.4762, 0.5441, 0.3190



29.2446, 0.4517, 0.3921



10.6496, 0.3278, 0.3273



7.8348, 0.6309, 0.3249



0.3756, 0.6007, 0.3083

Inverse Universe

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



19.0416, 0.4833, 0.3187



26.4762, 0.5441, 0.3190



28.1001, 0.2223, 0.2499



10.6496, 0.3278, 0.3273



7.8348, 0.6309, 0.3249



0.3756, 0.6007, 0.3083

Previews

White Background



This preview shows how the Yxy color 19.0406, 0.4833, 0.3187 looks on a white background.

Color Contrast Check

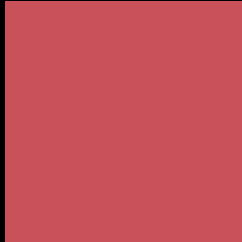
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0406, 0.4833, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

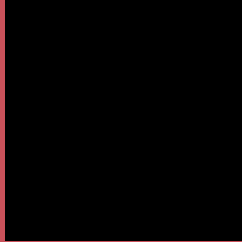
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0406, 0.4833, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 19.0406, 0.4833, 0.3187.

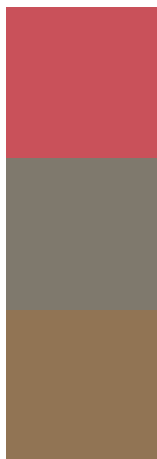


This preview shows how white text looks on a background with the Yxy color 19.0406, 0.4833, 0.3187.

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

19.0406, 0.4833, 0.3187

Protanopia

19.2909, 0.3345, 0.3516

Deuteranopia

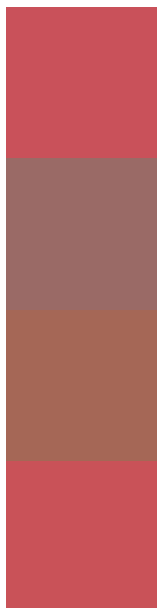
19.1506, 0.3926, 0.3851



Tritanopia

19.1402, 0.4873, 0.3235

Trichromacy



Original Color

19.0406, 0.4833, 0.3187

Protanomaly

18.1374, 0.3867, 0.3360

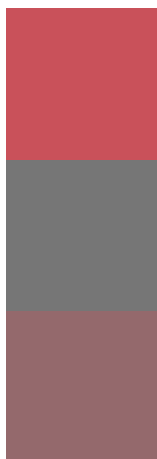
Deuteranomaly

18.3717, 0.4272, 0.3560

Tritanomaly

19.1567, 0.4857, 0.3223

Monochromacy



Original Color

19.0406, 0.4833, 0.3187

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.4818, 0.3701, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0406, 0.4833, 0.3187 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, 90)` looks like.

```
.text, #text, p{  
    color:rgb(201, 81, 90)  
}
```

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, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 81, 90) }
```

Border

The CSS property to change the border of an element to Yxy 19.0406, 0.4833, 0.3187 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, 90) }
```

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

```
.border{ border-color:rgb(201, 81, 90) }
```

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, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 81, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 81, 90);  
box-shadow:4px 4px 4px 4px rgb(201, 81,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0406, 0.4833, 0.3187 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, 90) }
```

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

```
.background{ background-color: rgb(201, 81,  
90) }
```

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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