

Converting Colors

$Yxy(18.9136, 0.4804, 0.3308)$

Have a look what the booklet for
Yxy(18.9136, 0.4804, 0.3308)
contains.

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Color

Yxy(18.9136, 0.4804, 0.3308)

Conversions

Conversions Part 1

Format	Color
Hex	C35655
RGB	195, 86, 85
RGB Percent	76%, 34%, 33%
CMY	0.2354, 0.6626, 0.6667
CMYK	0.00, 0.56, 0.56, 0.24
HSL	1°, 48%, 55%
HSV	1°, 56%, 76%
XYZ	27.4670, 18.9136, 10.7947
YIQ	118.4770, 65.2850, 22.7970

Conversions

Conversions Part 2

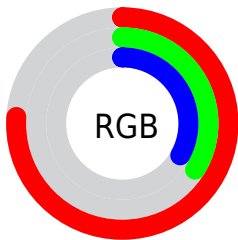
Format	Color
R_{YB}	195, 86, 85
Decimal	12801621
CIE Lab	50.59, 43.56, 22.24
CIE LCh	51, 48.908, 27.045
Yxy	18.9136, 0.4804, 0.3308
Android (android.graphics.Color)	4290991701 (0xFFC35655)
YUV	118.4770, -16.5042, 67.1107
Hunter-Lab	43.4898, 36.6290, 15.7263

Details

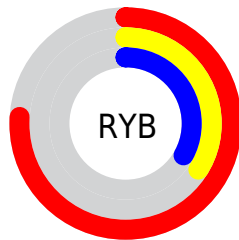
The Yxy color **18.9136, 0.4804, 0.3308** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **44.4195, 0.2421, 0.3272**, and the grayscale version is **18.3144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.4745, 0.4410, 0.3335**, and **6.4752, 0.5477, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **15.9667, 0.5277, 0.3310**, and if you desaturate by 10%, it is **22.7810, 0.4368, 0.3305**.

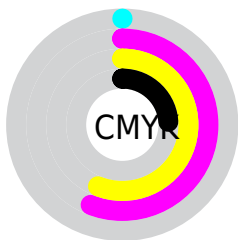
Distribution



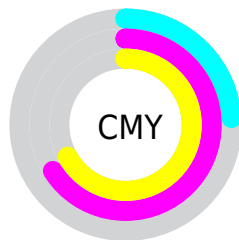
- Red (76%)
- Green (34%)
- Blue (33%)



- Red (76%)
- Yellow (34%)
- Blue (33%)



- Cyan (0%)
- Magenta (56%)
- Yellow (56%)
- Black (24%)





- Cyan (24%)
- Magenta (66%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.9136, 0.4804, 0.3308 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 18.9136, 0.4804, 0.3308 by changing the saturation by 10% instead.


 18.9136, 0.4804,
0.3308

 18.9136, 0.4804,
0.3308


245.9714, 0.3838,
0.3347


 11.6079, 0.5090,
0.3271


 41.5881, 0.4420,
0.3339


 6.4773, 0.5482,
0.3200


 57.7256, 0.4286,
0.3345


 3.1374, 0.6040,
0.3057

 77.5758, 0.4176,
0.3348

 1.2039, 0.7142,
0.2858

 101.5231, 0.4085,
0.3349

 0.0649, 0.9470,
0.0530

 129.9519, 0.4009,
0.3349

 0.0000, 1.0000,
0.0000

163.2467, 0.3943,

 0.0000, 0.0000,

0.3349

0.0000

201.7917, 0.3887,
0.3348

■ 18.9136, 0.4804,
0.3308

■ 18.9136, 0.4804,
0.3308

■ 15.9667, 0.5277,
0.3310

■ 22.7810, 0.4368,
0.3305

■ 13.8612, 0.5737,
0.3310

■ 27.6333, 0.3994,
0.3302

■ 12.5101, 0.6110,
0.3308

■ 33.5327, 0.3685,
0.3298

■ 11.8041, 0.6335,
0.3304

■ 40.5354, 0.3435,
0.3295

■ 11.6383, 0.6394,
0.3305

■ 48.6938, 0.3234,
0.3292

■ 58.0566, 0.3074,
0.3289

■ 68.6700, 0.2945,
0.3287

■ 80.5775, 0.2840,
0.3284

■ 90.3381, 0.2778,
0.3289

Harmonies

Analogous

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



18.9136, 0.4133, 0.2714



18.9136, 0.4804, 0.3308



18.9136, 0.4904, 0.3954

Triad

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



18.9136, 0.4804, 0.3308



18.9136, 0.2860, 0.4780



18.9136, 0.1822, 0.1969

Complementary

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



18.9136, 0.4804, 0.3308



44.4195, 0.2421, 0.3272

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.



18.9136, 0.1601, 0.2256



18.9136, 0.4804, 0.3308



18.9136, 0.2120, 0.3904

Square

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



18.9136, 0.4804, 0.3308



18.9136, 0.3719, 0.4984



18.9136, 0.1690, 0.2914



18.9136, 0.2356, 0.1981

Rectangle

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



18.9136, 0.4804, 0.3308



18.9136, 0.4662, 0.4383



18.9136, 0.1690, 0.2914



18.9136, 0.1715, 0.2028

Sweetspot

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



18.9146, 0.4804, 0.3308



71.4737, 0.3454, 0.3295



22.0319, 0.3189, 0.1974



15.0603, 0.3502, 0.3296



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.



18.9146, 0.4804, 0.3308



27.4678, 0.5403, 0.3310



31.0037, 0.4334, 0.4010



10.0929, 0.3289, 0.3293



7.5739, 0.6393, 0.3306



0.3327, 0.6362, 0.3331

Inverse Universe

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



44.4195, 0.2421, 0.3272



77.6778, 0.2333, 0.3268



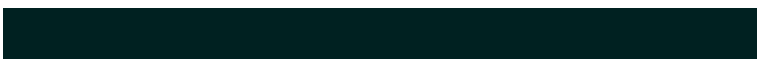
24.6195, 0.2235, 0.2396



11.4115, 0.2984, 0.3287



27.3996, 0.2239, 0.3259



1.1892, 0.2241, 0.3266

Previews

White Background



This preview shows how the Yxy color 18.9136, 0.4804, 0.3308 looks on a white background.

Color Contrast Check

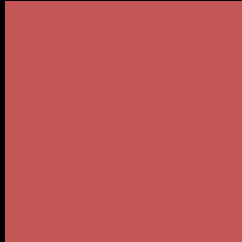
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9136, 0.4804, 0.3308 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 18.9136, 0.4804, 0.3308

Background



This preview shows how black text looks on a background with the Yxy color 18.9136, 0.4804, 0.3308.



This preview shows how white text looks on a background with the Yxy color 18.9136, 0.4804, 0.3308.

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

18.9136, 0.4804, 0.3308

Protanopia

19.1840, 0.3467, 0.3687

Deuteranopia

19.0897, 0.3976, 0.3919



Tritanopia

18.8544, 0.4719, 0.3219

Trichromacy



Original Color

18.9136, 0.4804, 0.3308

Protanomaly

18.2267, 0.3928, 0.3514

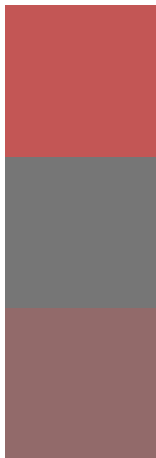
Deuteranomaly

18.4989, 0.4285, 0.3657

Tritanomaly

18.8204, 0.4751, 0.3244

Monochromacy



Original Color

18.9136, 0.4804, 0.3308

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.4597, 0.3697, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.9136, 0.4804, 0.3308 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(195, 86, 85)` looks like.

```
.text, #text, p{  
    color:rgb(195, 86, 85)  
}
```

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(195, 86, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 86, 85) }
```

Border

The CSS property to change the border of an element to Yxy 18.9136, 0.4804, 0.3308 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(195, 86, 85) }
```

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

```
.border{ border-color:rgb(195, 86, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 86, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 86, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 86, 85);  
box-shadow:4px 4px 4px 4px rgb(195, 86,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 18.9136, 0.4804, 0.3308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 86, 85) }
```

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

```
.background{ background-color: rgb(195, 86,  
85) }
```

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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