

Converting Colors

$Y_{xy}(16.7759, 0.4889, 0.3125)$

Have a look what the booklet for
Yxy(16.7759, 0.4889, 0.3125)
contains.

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Color

Yxy(16.7759, 0.4889, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	C24856
RGB	194, 72, 86
RGB Percent	76%, 28%, 34%
CMY	0.2392, 0.7176, 0.6627
CMYK	0.00, 0.63, 0.56, 0.24
HSL	353°, 50%, 52%
HSV	353°, 63%, 76%
XYZ	26.2456, 16.7759, 10.6614
YIQ	110.0740, 68.2180, 30.2180

Conversions

Conversions Part 2

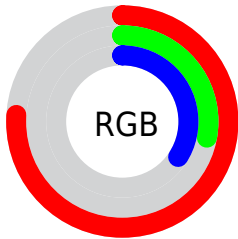
Format	Color
RYB	194, 72, 86
Decimal	12732502
CIELab	47.98, 49.83, 18.12
CIElCh	48, 53.026, 19.984
Yxy	16.7759, 0.4889, 0.3125
Android (android.graphics.Color)	4290922582 (0xFFC24856)
YUV	110.0740, -11.8685, 73.6031
Hunter-Lab	40.9584, 42.7031, 13.2378

Details

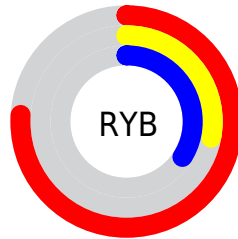
The Yxy color **16.7759, 0.4889, 0.3125** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **43.2563, 0.2448, 0.3506**, and the grayscale version is **15.6363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.9593, 0.4469, 0.3192**, and **5.4629, 0.5649, 0.2948** is the 20% darker color. If you saturate the color by 10%, you get **14.4074, 0.5334, 0.3127**, and if you desaturate by 10%, it is **20.0040, 0.4469, 0.3139**.

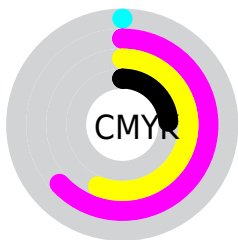
Distribution



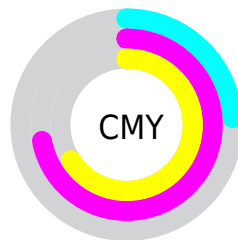
- Red (76%)
- Green (28%)
- Blue (34%)



- Red (76%)
- Yellow (28%)
- Blue (34%)



- Cyan (0%)
- Magenta (63%)
- Yellow (56%)
- Black (24%)




- Cyan (24%)
- Magenta (72%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.7759, 0.4889, 0.3125 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 16.7759, 0.4889, 0.3125 by changing the saturation by 10% instead.


 16.7759, 0.4889,
0.3125


 16.7759, 0.4889,
0.3125


233.8776, 0.3857,
0.3266


 10.0748, 0.5203,
0.3058


 37.9401, 0.4473,
0.3196


 5.4486, 0.5640,
0.2946

 53.1720, 0.4330,
0.3216

 2.5128, 0.6275,
0.2742

 72.0163, 0.4214,
0.3231

 0.8830, 0.7558,
0.2442

 94.8574, 0.4117,
0.3242

 0.0000, 1.0000,
0.0000

 122.0797, 0.4037,
0.3250

 0.0000, 0.0000,
0.0000

154.0675, 0.3968,

0.3257

191.2054, 0.3909,
0.3262

■ 16.7759, 0.4889,
0.3125

■ 16.7759, 0.4889,
0.3125

■ 14.4074, 0.5334,
0.3127

■ 20.0040, 0.4469,
0.3139

■ 12.8134, 0.5756,
0.3150

■ 24.1605, 0.4101,
0.3163

■ 11.8965, 0.6094,
0.3194

■ 29.3107, 0.3792,
0.3192

■ 11.5283, 0.6266,
0.3225

■ 35.5129, 0.3538,
0.3223

■ 42.8210, 0.3333,
0.3254

■ 51.2854, 0.3168,
0.3282

■ 60.9531, 0.3036,
0.3309

■ 71.8688, 0.2928,
0.3333

■ 84.0746, 0.2841,
0.3355

Harmonies

Analogous

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



16.7759, 0.4013, 0.2510



16.7759, 0.4889, 0.3125



16.7759, 0.5141, 0.3812

Triad

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



16.7759, 0.4889, 0.3125



16.7759, 0.3025, 0.5132



16.7759, 0.1607, 0.1872

Complementary

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



16.7759, 0.4889, 0.3125



43.2563, 0.2448, 0.3506

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.



16.7759, 0.1445, 0.2258



16.7759, 0.4889, 0.3125



16.7759, 0.2160, 0.4266

Square

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



16.7759, 0.4889, 0.3125



16.7759, 0.3966, 0.5116



16.7759, 0.1613, 0.3085



16.7759, 0.2099, 0.1824

Rectangle

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



16.7759, 0.4889, 0.3125



16.7759, 0.4938, 0.4291



16.7759, 0.1613, 0.3085



16.7759, 0.1518, 0.1959

Sweetspot

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



16.7768, 0.4889, 0.3125



68.8487, 0.3460, 0.3234



18.2058, 0.3023, 0.1786



14.2689, 0.3523, 0.3225



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.



16.7768, 0.4889, 0.3125



25.0006, 0.5479, 0.3132



25.0762, 0.4652, 0.3890



10.0963, 0.3271, 0.3264



7.5859, 0.6245, 0.3214



0.3342, 0.5796, 0.2967

Inverse Universe

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



16.7768, 0.4889, 0.3125



25.0006, 0.5479, 0.3132



26.2136, 0.2200, 0.2521



10.0963, 0.3271, 0.3264



7.5859, 0.6245, 0.3214



0.3342, 0.5796, 0.2967

Previews

White Background



This preview shows how the Yxy color 16.7759, 0.4889, 0.3125 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 16.7759, 0.4889, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

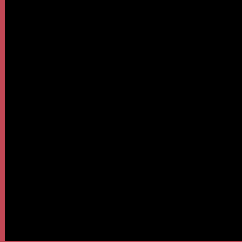
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.7759, 0.4889, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 16.7759, 0.4889, 0.3125.

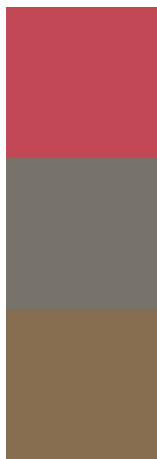


This preview shows how white text looks on a background with the Yxy color 16.7759, 0.4889, 0.3125.

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

16.7759, 0.4889, 0.3125

Protanopia

16.9972, 0.3292, 0.3449

Deuteranopia

16.9653, 0.3895, 0.3847



Tritanopia

16.7845, 0.5014, 0.3236

Trichromacy



Original Color

16.7759, 0.4889, 0.3125

Protanomaly

15.9355, 0.3836, 0.3292

Deuteranomaly

16.1430, 0.4280, 0.3523

Tritanomaly

16.8285, 0.4965, 0.3199

Monochromacy



Original Color

16.7759, 0.4889, 0.3125

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

14.9680, 0.3746, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.7759, 0.4889, 0.3125 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(194, 72, 86)` looks like.

```
.text, #text, p{  
    color:rgb(194, 72, 86)  
}
```

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(194, 72, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 72, 86) }
```

Border

The CSS property to change the border of an element to Yxy 16.7759, 0.4889, 0.3125 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(194, 72, 86) }
```

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

```
.border{ border-color:rgb(194, 72, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 72, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 72, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 72, 86);  
box-shadow:4px 4px 4px 4px rgb(194, 72,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 16.7759, 0.4889, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 72, 86) }
```

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

```
.background{ background-color: rgb(194, 72,  
86) }
```

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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