

Converting Colors

$Y_{xy}(17.9698, 0.4897, 0.3241)$

Have a look what the booklet for
Yxy(17.9698, 0.4897, 0.3241)
contains.

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Color

Yxy(17.9678, 0.4889, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	C44F54
RGB	196, 79, 84
RGB Percent	77%, 31%, 33%
CMY	0.2314, 0.6902, 0.6705
CMYK	0.00, 0.60, 0.57, 0.23
HSL	357°, 50%, 54%
HSV	357°, 60%, 77%
XYZ	27.1628, 17.9678, 10.4284
YIQ	114.5530, 68.1270, 26.3590

Conversions

Conversions Part 2

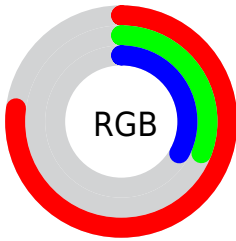
Format	Color
RYB	196, 79, 84
Decimal	12865364
CIELab	49.46, 47.20, 21.35
CIElCh	49, 51.805, 24.339
Yxy	17.9678, 0.4889, 0.3234
Android (android.graphics.Color)	4291055444 (0xFFC44F54)
YUV	114.5530, -15.0626, 71.4290
Hunter-Lab	42.3884, 40.2043, 15.0853

Details

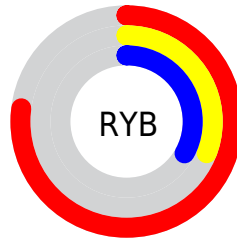
The Yxy color **17.9678, 0.4889, 0.3234** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **44.9051, 0.2424, 0.3363**, and the grayscale version is **17.0339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.7285, 0.4466, 0.3294**, and **6.0387, 0.5621, 0.3094** is the 20% darker color. If you saturate the color by 10%, you get **15.2903, 0.5356, 0.3235**, and if you desaturate by 10%, it is **21.5594, 0.4451, 0.3239**.

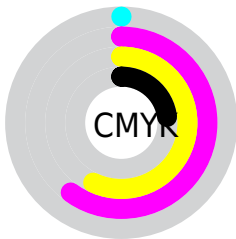
Distribution



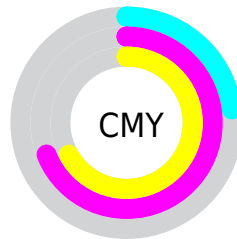
- Red (77%)
- Green (31%)
- Blue (33%)



- Red (77%)
- Yellow (31%)
- Blue (33%)



- Cyan (0%)
- Magenta (60%)
- Yellow (57%)
- Black (23%)




- Cyan (23%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9678, 0.4889, 0.3234 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 17.9678, 0.4889, 0.3234 by changing the saturation by 10% instead.


 17.9678, 0.4889,
0.3234


 17.9678, 0.4889,
0.3234


240.6895, 0.3867,
0.3317


 10.9269, 0.5194,
0.3182


 39.9825, 0.4481,
0.3284

 6.0177, 0.5613,
0.3091

 55.7250, 0.4339,
0.3296


 2.8558, 0.6214,
0.2916

 75.1368, 0.4223,
0.3304

 1.0569, 0.7355,
0.2645

 98.6023, 0.4128,
0.3309

 0.0000, 1.0000,
0.0000

 126.5060, 0.4047,
0.3312

 0.0000, 0.0000,
0.0000

159.2321, 0.3978,

0.3315

197.1652, 0.3919,
0.3316

■ 17.9678, 0.4889,
0.3234

■ 17.9678, 0.4889,
0.3234

■ 15.2903, 0.5356,
0.3235

■ 21.5594, 0.4451,
0.3239

■ 13.4417, 0.5798,
0.3245

■ 26.1344, 0.4070,
0.3248

■ 12.3264, 0.6146,
0.3262

■ 31.7587, 0.3753,
0.3258

■ 11.7691, 0.6354,
0.3277

■ 38.4918, 0.3496,
0.3269

■ 11.7548, 0.6359,
0.3277

■ 46.3886, 0.3288,
0.3280

■ 55.5006, 0.3123,
0.3290

■ 65.8759, 0.2989,
0.3300

■ 77.5603, 0.2882,
0.3308

■ 90.3390, 0.2794,
0.3312

Harmonies

Analogous

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



17.9678, 0.4121, 0.2621



17.9678, 0.4889, 0.3234



17.9678, 0.5041, 0.3909

Triad

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



17.9678, 0.4889, 0.3234



17.9678, 0.2908, 0.4967



17.9678, 0.1709, 0.1899

Complementary

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



17.9678, 0.4889, 0.3234



44.9051, 0.2424, 0.3363

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.



17.9678, 0.1506, 0.2225



17.9678, 0.4889, 0.3234



17.9678, 0.2104, 0.4055

Square

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



17.9678, 0.4889, 0.3234



17.9678, 0.3820, 0.5089



17.9678, 0.1624, 0.2959



17.9678, 0.2237, 0.1891

Rectangle

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



17.9678, 0.4889, 0.3234



17.9678, 0.4803, 0.4370



17.9678, 0.1624, 0.2959



17.9678, 0.1606, 0.1968

Sweetspot

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



17.9688, 0.4889, 0.3234



71.6167, 0.3463, 0.3271



20.5447, 0.3123, 0.1885



14.4925, 0.3532, 0.3268



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.



17.9688, 0.4889, 0.3234



26.3861, 0.5514, 0.3237



28.7092, 0.4477, 0.3970



10.0847, 0.3282, 0.3281



7.5559, 0.6347, 0.3270



0.3289, 0.6156, 0.3165

Inverse Universe

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



17.9688, 0.4889, 0.3234



26.3861, 0.5514, 0.3237



25.3989, 0.2210, 0.2433



10.0847, 0.3282, 0.3281



7.5559, 0.6347, 0.3270



0.3289, 0.6156, 0.3165

Previews

White Background



This preview shows how the Yxy color 17.9678, 0.4889, 0.3234 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 17.9678, 0.4889, 0.3234 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 17.9678, 0.4889, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 17.9678, 0.4889, 0.3234.

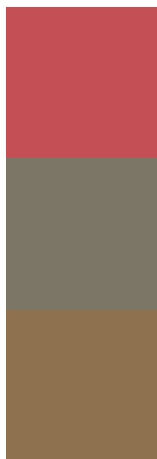


This preview shows how white text looks on a background with the Yxy color 17.9678, 0.4889, 0.3234.

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

17.9678, 0.4889, 0.3234

Protanopia

18.2013, 0.3399, 0.3599

Deuteranopia

18.1111, 0.3984, 0.3913



Tritanopia

17.9678, 0.4889, 0.3234

Trichromacy



Original Color

17.9678, 0.4889, 0.3234

Protanomaly

17.2109, 0.3925, 0.3448

Deuteranomaly

17.5679, 0.4335, 0.3626

Tritanomaly

17.9678, 0.4889, 0.3234

Monochromacy



Original Color

17.9678, 0.4889, 0.3234

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.4315, 0.3716, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9678, 0.4889, 0.3234 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(196, 79, 84)` looks like.

```
.text, #text, p{  
    color:rgb(196, 79, 84)  
}
```

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(196, 79, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 79, 84) }
```

Border

The CSS property to change the border of an element to Yxy 17.9678, 0.4889, 0.3234 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(196, 79, 84) }
```

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

```
.border{ border-color:rgb(196, 79, 84) }
```

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

Here you see how a box with a 4 pixel rgb(196, 79, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 79, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 79, 84);  
box-shadow:4px 4px 4px 4px rgb(196, 79,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9678, 0.4889, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 79, 84) }
```

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

```
.background{ background-color: rgb(196, 79,  
84) }
```

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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