

Converting Colors

$Yxy(18.0791, 0.4935, 0.3236)$

Have a look what the booklet for
Yxy(18.0791, 0.4935, 0.3236)
contains.

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Color

Yxy(18.0791, 0.4935, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	C64E53
RGB	198, 78, 83
RGB Percent	78%, 31%, 33%
CMY	0.2236, 0.6940, 0.6745
CMYK	0.00, 0.61, 0.58, 0.22
HSL	358°, 51%, 54%
HSV	358°, 61%, 78%
XYZ	27.5712, 18.0791, 10.2184
YIQ	114.4500, 69.9150, 26.9950

Conversions

Conversions Part 2

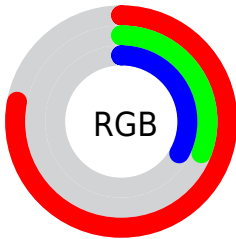
Format	Color
R _Y B	198, 78, 83
Decimal	12996179
CIE Lab	49.59, 48.26, 22.20
CIE LCh	50, 53.124, 24.704
Yxy	18.0791, 0.4935, 0.3236
Android (android.graphics.Color)	4291186259 (0xFFC64E53)
YUV	114.4500, -15.5049, 73.2733
Hunter-Lab	42.5195, 41.3366, 15.5150

Details

The Yxy color **18.0791, 0.4935, 0.3236** 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 **45.8526, 0.2417, 0.3362**, and the grayscale version is **17.0035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4285, 0.4483, 0.3294**, and **6.0435, 0.5671, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **15.4228, 0.5403, 0.3238**, and if you desaturate by 10%, it is **21.6643, 0.4492, 0.3240**.

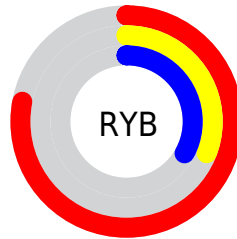
Distribution



Red (78%)

Green (31%)

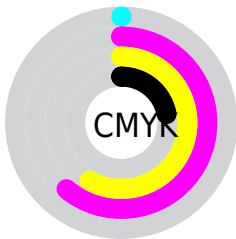
Blue (33%)



Red (78%)

Yellow (31%)

Blue (33%)

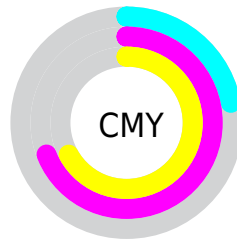


Cyan (0%)

Magenta (61%)

Yellow (58%)

Black (22%)



Cyan (22%)


Magenta (69%)


Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.0791, 0.4935, 0.3236 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 18.0791, 0.4935, 0.3236 by changing the saturation by 10% instead.


 18.0791, 0.4935,
0.3236


 18.0791, 0.4935,
0.3236


241.3165, 0.3888,
0.3321


 11.0068, 0.5246,
0.3183


 40.1721, 0.4518,
0.3287


 6.0714, 0.5671,
0.3087

 55.9615, 0.4373,
0.3300

 2.8885, 0.6278,
0.2907

 75.4255, 0.4254,
0.3308

 1.0738, 0.7385,
0.2615

 98.9483, 0.4156,
0.3313

 0.0000, 1.0000,
0.0000

 126.9144, 0.4073,
0.3317

 0.0000, 0.0000,
0.0000

159.7082, 0.4002,

0.3319

197.7141, 0.3941,
0.3320

■ 18.0791, 0.4935,
0.3236

■ 18.0791, 0.4935,
0.3236

■ 15.4228, 0.5403,
0.3238

■ 21.6643, 0.4492,
0.3240

■ 13.6070, 0.5840,
0.3248

■ 26.2504, 0.4104,
0.3248

■ 12.5317, 0.6175,
0.3265

■ 31.9054, 0.3781,
0.3259

■ 12.0216, 0.6361,
0.3278

■ 38.6909, 0.3517,
0.3269

■ 46.6636, 0.3306,
0.3280

■ 55.8764, 0.3136,
0.3289

■ 66.3792, 0.3000,
0.3299

■ 78.2189, 0.2890,
0.3307

■ 90.6664, 0.2800,
0.3302

Harmonies

Analogous

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



18.0791, 0.4155, 0.2613



18.0791, 0.4935, 0.3236



18.0791, 0.5078, 0.3921

Triad

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



18.0791, 0.4935, 0.3236



18.0791, 0.2887, 0.5005



18.0791, 0.1687, 0.1871

Complementary

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



18.0791, 0.4935, 0.3236



45.8526, 0.2417, 0.3362

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.



18.0791, 0.1478, 0.2195



18.0791, 0.4935, 0.3236



18.0791, 0.2072, 0.4059

Square

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



18.0791, 0.4935, 0.3236



18.0791, 0.3816, 0.5131



18.0791, 0.1591, 0.2936



18.0791, 0.2227, 0.1867

Rectangle

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



18.0791, 0.4935, 0.3236



18.0791, 0.4826, 0.4392



18.0791, 0.1591, 0.2936



18.0791, 0.1582, 0.1939

Sweetspot

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



18.0801, 0.4935, 0.3236



71.6132, 0.3464, 0.3272



20.7332, 0.3122, 0.1868



14.4917, 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.



18.0801, 0.4935, 0.3236



26.0275, 0.5563, 0.3240



29.0581, 0.4505, 0.3977



10.6439, 0.3283, 0.3281



7.8225, 0.6350, 0.3272



0.3729, 0.6175, 0.3176

Inverse Universe

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



18.0801, 0.4935, 0.3236



26.0275, 0.5563, 0.3240



25.6442, 0.2197, 0.2417



10.6439, 0.3283, 0.3281



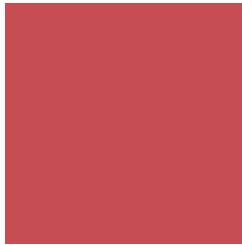
7.8225, 0.6350, 0.3272



0.3729, 0.6175, 0.3176

Previews

White Background



This preview shows how the Yxy color 18.0791, 0.4935, 0.3236 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 18.0791, 0.4935, 0.3236 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 18.0791, 0.4935, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 18.0791, 0.4935, 0.3236.

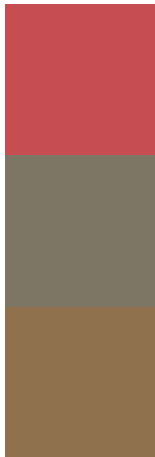


This preview shows how white text looks on a background with the Yxy color 18.0791, 0.4935, 0.3236.

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

18.0791, 0.4935, 0.3236

Protanopia

18.2564, 0.3425, 0.3618

Deuteranopia

18.1857, 0.4010, 0.3927



Tritanopia

18.0791, 0.4935, 0.3236

Trichromacy



Original Color

18.0791, 0.4935, 0.3236

Protanomaly

17.1840, 0.3975, 0.3446

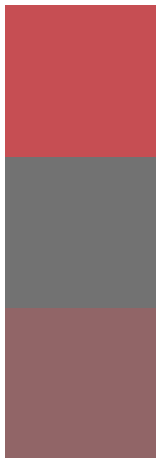
Deuteranomaly

17.4654, 0.4372, 0.3624

Tritanomaly

18.0791, 0.4935, 0.3236

Monochromacy



Original Color

18.0791, 0.4935, 0.3236

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.3064, 0.3750, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0791, 0.4935, 0.3236 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(198, 78, 83)` looks like.

```
.text, #text, p{  
    color:rgb(198, 78, 83)  
}
```

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(198, 78, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 78, 83) }
```

Border

The CSS property to change the border of an element to Yxy 18.0791, 0.4935, 0.3236 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(198, 78, 83) }
```

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

```
.border{ border-color:rgb(198, 78, 83) }
```

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

Here you see how a box with a 4 pixel rgb(198, 78, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 78, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 78, 83);  
box-shadow:4px 4px 4px 4px rgb(198, 78,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0791, 0.4935, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 78, 83) }
```

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

```
.background{ background-color: rgb(198, 78,  
83) }
```

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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