

Converting Colors

$Yxy(16.8767, 0.4998, 0.3240)$

Have a look what the booklet for
Yxy(16.8767, 0.4998, 0.3240)
contains.

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Color

Yxy(16.9170, 0.5005, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	C24A4E
RGB	194, 74, 78
RGB Percent	76%, 29%, 31%
CMY	0.2393, 0.7097, 0.6941
CMYK	0.00, 0.62, 0.60, 0.24
HSL	358°, 50%, 53%
HSV	358°, 62%, 76%
XYZ	26.0682, 16.9170, 9.0991
YIQ	110.3360, 70.2360, 26.6840

Conversions

Conversions Part 2

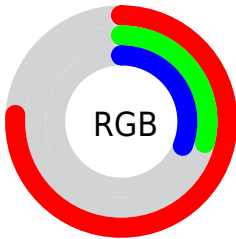
Format	Color
R_{YB}	194, 74, 78
Decimal	12733006
CIE Lab	48.16, 48.33, 23.17
CIE LCh	48, 53.596, 25.617
Yxy	16.9170, 0.5005, 0.3248
Android (android.graphics.Color)	4290923086 (0xFFC24A4E)
YUV	110.3360, -15.9416, 73.3733
Hunter-Lab	41.1303, 41.1547, 15.6746

Details

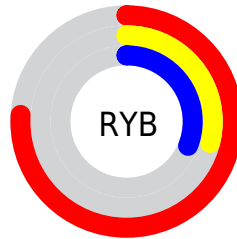
The Yxy color **16.9170, 0.5005, 0.3248** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **43.7493, 0.2404, 0.3348**, and the grayscale version is **15.7289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2306, 0.4563, 0.3304**, and **5.4717, 0.5778, 0.3080** is the 20% darker color. If you saturate the color by 10%, you get **14.4823, 0.5474, 0.3251**, and if you desaturate by 10%, it is **20.2288, 0.4554, 0.3251**.

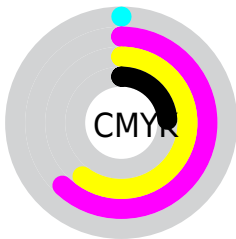
Distribution



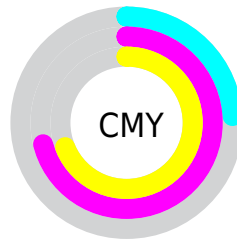
- Red (76%)
- Green (29%)
- Blue (31%)



- Red (76%)
- Yellow (29%)
- Blue (31%)



- Cyan (0%)
- Magenta (62%)
- Yellow (60%)
- Black (24%)





- Cyan (24%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.9170, 0.5005, 0.3248 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 16.9170, 0.5005, 0.3248 by changing the saturation by 10% instead.


 16.9170, 0.5005,
0.3248


 16.9170, 0.5005,
0.3248


234.6936, 0.3909,
0.3332


 10.1753, 0.5333,
0.3191


 38.1830, 0.4566,
0.3301


 5.5154, 0.5783,
0.3086

 53.4762, 0.4414,
0.3313


 2.5527, 0.6456,
0.2899

 72.3886, 0.4290,
0.3321

 0.9029, 0.7490,
0.2510

 95.3047, 0.4187,
0.3326

 0.0000, 1.0000,
0.0000

 122.6088, 0.4101,
0.3329

 0.0000, 0.0000,
0.0000

154.6854, 0.4027,

0.3331

191.9189, 0.3964,
0.3331

■ 16.9170, 0.5005,
0.3248

■ 16.9170, 0.5005,
0.3248

■ 14.4823, 0.5474,
0.3251

■ 20.2288, 0.4554,
0.3251

■ 12.8389, 0.5901,
0.3260

■ 24.4872, 0.4156,
0.3257

■ 11.8892, 0.6216,
0.3275

■ 29.7580, 0.3822,
0.3264

■ 11.4807, 0.6368,
0.3282

■ 36.1004, 0.3550,
0.3273

■ 43.5691, 0.3331,
0.3281

■ 52.2148, 0.3155,
0.3289

■ 62.0854, 0.3015,
0.3296

■ 73.2261, 0.2901,
0.3302

■ 85.6797, 0.2809,
0.3308

Harmonies

Analogous

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



16.9170, 0.4217, 0.2612



16.9170, 0.5005, 0.3248



16.9170, 0.5124, 0.3947

Triad

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



16.9170, 0.5005, 0.3248



16.9170, 0.2845, 0.5049



16.9170, 0.1664, 0.1831

Complementary

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



16.9170, 0.5005, 0.3248



43.7493, 0.2404, 0.3348

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.



16.9170, 0.1441, 0.2147



16.9170, 0.5005, 0.3248



16.9170, 0.2019, 0.4046

Square

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



16.9170, 0.5005, 0.3248



16.9170, 0.3797, 0.5194



16.9170, 0.1544, 0.2890



16.9170, 0.2224, 0.1838

Rectangle

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



16.9170, 0.5005, 0.3248



16.9170, 0.4849, 0.4430



16.9170, 0.1544, 0.2890



16.9170, 0.1554, 0.1896

Sweetspot

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



16.9179, 0.5005, 0.3248



68.6558, 0.3490, 0.3275



19.7401, 0.3146, 0.1858



14.2223, 0.3559, 0.3272



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.



16.9179, 0.5005, 0.3248



25.0993, 0.5625, 0.3253



27.9280, 0.4520, 0.4012



10.0832, 0.3284, 0.3283



7.5524, 0.6359, 0.3277



0.3282, 0.6209, 0.3194

Inverse Universe

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



16.9179, 0.5005, 0.3248



25.0993, 0.5625, 0.3253



23.5286, 0.2174, 0.2362



10.0832, 0.3284, 0.3283



7.5524, 0.6359, 0.3277



0.3282, 0.6209, 0.3194

Previews

White Background



This preview shows how the Yxy color 16.9170, 0.5005, 0.3248 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 16.9170, 0.5005, 0.3248 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 16.9170, 0.5005, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 16.9170, 0.5005, 0.3248.



This preview shows how white text looks on a background with the Yxy color 16.9170, 0.5005, 0.3248.

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

16.9170, 0.5005, 0.3248

Protanopia

17.1709, 0.3444, 0.3667

Deuteranopia

17.1087, 0.4043, 0.3977



Tritanopia

16.9314, 0.4989, 0.3236

Trichromacy



Original Color

16.9170, 0.5005, 0.3248

Protanomaly

16.1315, 0.4012, 0.3485

Deuteranomaly

16.4147, 0.4419, 0.3662

Tritanomaly

16.9314, 0.4989, 0.3236

Monochromacy



Original Color

16.9170, 0.5005, 0.3248

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.0940, 0.3788, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.9170, 0.5005, 0.3248 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, 74, 78)` looks like.

```
.text, #text, p{  
    color:rgb(194, 74, 78)  
}
```

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, 74, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 74, 78) }
```

Border

The CSS property to change the border of an element to Yxy 16.9170, 0.5005, 0.3248 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, 74, 78) }
```

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

```
.border{ border-color:rgb(194, 74, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 74, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 74, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 74, 78);  
box-shadow:4px 4px 4px 4px rgb(194, 74,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 16.9170, 0.5005, 0.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 74, 78) }
```

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

```
.background{ background-color: rgb(194, 74,  
78) }
```

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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