

Converting Colors

$Yxy(19.7114, 0.4955, 0.3192)$

Have a look what the booklet for
Yxy(19.7114, 0.4955, 0.3192)
contains.

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Color

Yxy(19.7064, 0.4954, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	D04F58
RGB	208, 79, 88
RGB Percent	82%, 31%, 35%
CMY	0.1844, 0.6901, 0.6549
CMYK	0.00, 0.62, 0.58, 0.18
HSL	356°, 58%, 56%
HSV	356°, 62%, 82%
XYZ	30.5653, 19.7064, 11.4265
YIQ	118.5970, 73.9950, 30.1470

Conversions

Conversions Part 2

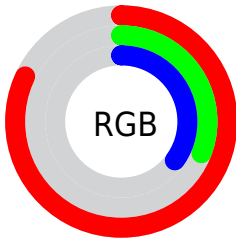
Format	Color
R_{YB}	208, 79, 88
Decimal	13651800
CIE Lab	51.50, 51.59, 22.05
CIE LCh	52, 56.107, 23.140
Yxy	19.7064, 0.4954, 0.3194
Android (android.graphics.Color)	4291841880 (0xFFD04F58)
YUV	118.5970, -15.0843, 78.4064
Hunter-Lab	44.3919, 45.2173, 15.8130

Details

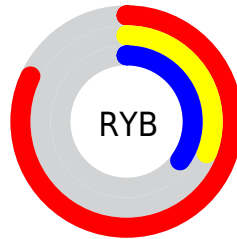
The Yxy color **19.7064, 0.4954, 0.3194** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **50.8875, 0.2423, 0.3417**, and the grayscale version is **18.3483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.8700, 0.4409, 0.3242**, and **6.9029, 0.5665, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **16.8815, 0.5415, 0.3197**, and if you desaturate by 10%, it is **23.5569, 0.4515, 0.3202**.

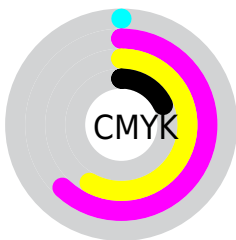
Distribution



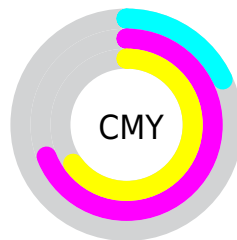
- Red (82%)
- Green (31%)
- Blue (35%)



- Red (82%)
- Yellow (31%)
- Blue (35%)



- Cyan (0%)
- Magenta (62%)
- Yellow (58%)
- Black (18%)





- Cyan (18%)
- Magenta (69%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.7064, 0.4954, 0.3194 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 19.7064, 0.4954, 0.3194 by changing the saturation by 10% instead.


 19.7064, 0.4954,
0.3194


 19.7064, 0.4954,
0.3194


250.3212, 0.3910,
0.3302


 12.1818, 0.5257,
0.3137


 42.9244, 0.4542,
0.3253


 6.8676, 0.5669,
0.3039


 59.3866, 0.4397,
0.3269


 3.3794, 0.6246,
0.2862

 79.5968, 0.4278,
0.3279

 1.3329, 0.7375,
0.2625

 103.9393, 0.4180,
0.3287

 0.1665, 0.9035,
0.0965

 132.7986, 0.4096,
0.3293

 0.0000, 1.0000,
0.0000

166.5591, 0.4025,

 0.0000, 0.0000,

0.3297

0.0000

205.6052, 0.3963,
0.3300

■ 19.7064, 0.4954,
0.3194

■ 19.7064, 0.4954,
0.3194

■ 16.8815, 0.5415,
0.3197

■ 23.5569, 0.4515,
0.3202

■ 14.9812, 0.5844,
0.3214

■ 28.5150, 0.4128,
0.3216

■ 13.8898, 0.6171,
0.3242

■ 34.6583, 0.3805,
0.3233

■ 13.4396, 0.6335,
0.3264

■ 42.0564, 0.3540,
0.3251

■ 50.7735, 0.3328,
0.3270

■ 60.8695, 0.3157,
0.3287

■ 72.4006, 0.3020,
0.3303

■ 85.4198, 0.2910,
0.3317

■ 92.1465, 0.2849,
0.3289

Harmonies

Analogous

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



19.7064, 0.4127, 0.2567



19.7064, 0.4954, 0.3194



19.7064, 0.5131, 0.3888

Triad

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



19.7064, 0.4954, 0.3194



19.7064, 0.2924, 0.5087



19.7064, 0.1639, 0.1850

Complementary

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



19.7064, 0.4954, 0.3194



50.8875, 0.2423, 0.3417

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.



19.7064, 0.1443, 0.2196



19.7064, 0.4954, 0.3194



19.7064, 0.2081, 0.4143

Square

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



19.7064, 0.4954, 0.3194



19.7064, 0.3871, 0.5159



19.7064, 0.1574, 0.2975



19.7064, 0.2168, 0.1833

Rectangle

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



19.7064, 0.4954, 0.3194



19.7064, 0.4888, 0.4368



19.7064, 0.1574, 0.2975



19.7064, 0.1539, 0.1924

Sweetspot

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



19.7075, 0.4954, 0.3194



70.3172, 0.3477, 0.3257



22.0508, 0.3073, 0.1818



14.2430, 0.3543, 0.3251



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.



19.7075, 0.4954, 0.3194



25.7625, 0.5545, 0.3200



30.6803, 0.4593, 0.3939



11.8214, 0.3280, 0.3274



8.3837, 0.6319, 0.3255



0.4735, 0.6066, 0.3115

Inverse Universe

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



19.7075, 0.4954, 0.3194



25.7625, 0.5545, 0.3200



29.4099, 0.2192, 0.2460



11.8214, 0.3280, 0.3274



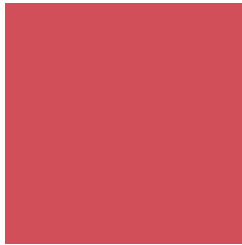
8.3837, 0.6319, 0.3255



0.4735, 0.6066, 0.3115

Previews

White Background



This preview shows how the Yxy color 19.7064, 0.4954, 0.3194 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 19.7064, 0.4954, 0.3194 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 19.7064, 0.4954, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 19.7064, 0.4954, 0.3194.



This preview shows how white text looks on a background with the Yxy color 19.7064, 0.4954, 0.3194.

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

19.7064, 0.4954, 0.3194

Protanopia

19.9158, 0.3377, 0.3569

Deuteranopia

19.8620, 0.3977, 0.3908



Tritanopia

19.8031, 0.4993, 0.3239

Trichromacy



Original Color

19.7064, 0.4954, 0.3194

Protanomaly

18.7241, 0.3932, 0.3391

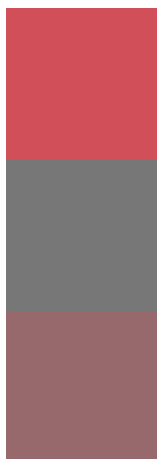
Deuteranomaly

19.0868, 0.4358, 0.3597

Tritanomaly

19.8191, 0.4977, 0.3228

Monochromacy



Original Color

19.7064, 0.4954, 0.3194

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.5626, 0.3748, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.7064, 0.4954, 0.3194 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(208, 79, 88)` looks like.

```
.text, #text, p{  
    color:rgb(208, 79, 88)  
}
```

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(208, 79, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 79, 88) }
```

Border

The CSS property to change the border of an element to Yxy 19.7064, 0.4954, 0.3194 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(208, 79, 88) }
```

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

```
.border{ border-color:rgb(208, 79, 88) }
```

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

Here you see how a box with a 4 pixel rgb(208, 79, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 79, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 79, 88);  
box-shadow:4px 4px 4px 4px rgb(208, 79,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 19.7064, 0.4954, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 79, 88) }
```

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

```
.background{ background-color: rgb(208, 79,  
88) }
```

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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