

Converting Colors

$Yxy(19.4909, 0.5338, 0.3336)$

Have a look what the booklet for
Yxy(19.4909, 0.5338, 0.3336)
contains.

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Color

Yxy(19.4909, 0.5338, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	D64945
RGB	214, 73, 69
RGB Percent	84%, 29%, 27%
CMY	0.1608, 0.7137, 0.7294
CMYK	0.00, 0.66, 0.68, 0.16
HSL	2°, 64%, 55%
HSV	2°, 68%, 84%
XYZ	31.1878, 19.4909, 7.7473
YIQ	114.7030, 85.3200, 28.6480

Conversions

Conversions Part 2

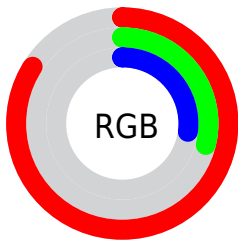
Format	Color
R_{YB}	214, 73, 69
Decimal	14043461
CIE Lab	51.26, 54.97, 33.08
CIE LCh	51, 64.156, 31.043
Yxy	19.4909, 0.5338, 0.3336
Android (android.graphics.Color)	4292233541 (0xFFD64945)
YUV	114.7030, -22.5316, 87.0835
Hunter-Lab	44.1485, 48.8377, 20.4996

Details

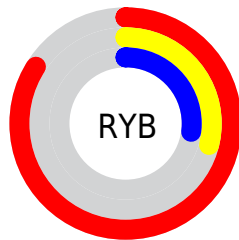
The Yxy color **19.4909, 0.5338, 0.3336** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **52.2029, 0.2330, 0.3231**, and the grayscale version is **17.1012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.0063, 0.4665, 0.3395**, and **6.7456, 0.6133, 0.3152** is the 20% darker color. If you saturate the color by 10%, you get **16.9802, 0.5789, 0.3333**, and if you desaturate by 10%, it is **23.0138, 0.4865, 0.3334**.

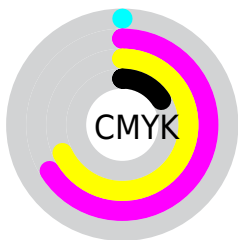
Distribution



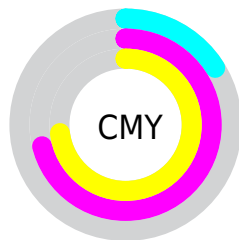
- Red (84%)
- Green (29%)
- Blue (27%)



- Red (84%)
- Yellow (29%)
- Blue (27%)



- Cyan (0%)
- Magenta (66%)
- Yellow (68%)
- Black (16%)





- Cyan (16%)
- Magenta (71%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4909, 0.5338, 0.3336 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 19.4909, 0.5338, 0.3336 by changing the saturation by 10% instead.


 19.4909, 0.5338,
0.3336


 19.4909, 0.5338,
0.3336


249.1456, 0.4088,
0.3404


 12.0255, 0.5683,
0.3271


 42.5620, 0.4854,
0.3392

 6.7611, 0.6131,
0.3150


 58.9365, 0.4681,
0.3403

 3.3131, 0.6813,
0.2964

 79.0494, 0.4538,
0.3408

 1.2973, 0.7504,
0.2496

 103.2853, 0.4418,
0.3410

 0.1391, 0.9221,
0.0779

 132.0285, 0.4316,
0.3410

 0.0000, 1.0000,
0.0000

165.6633, 0.4229,

 0.0000, 0.0000,

0.3409

0.0000

204.5742, 0.4154,
0.3406

■ 19.4909, 0.5338,
0.3336

■ 19.4909, 0.5338,
0.3336

■ 16.9802, 0.5789,
0.3333

■ 23.0138, 0.4865,
0.3334

■ 15.3722, 0.6145,
0.3324

■ 27.6372, 0.4424,
0.3328


■ 14.5364, 0.6351,
0.3313


■ 33.4433, 0.4041,
0.3321


■ 14.4246, 0.6384,
0.3313


■ 40.5057, 0.3724,
0.3312

■ 48.8922, 0.3466,
0.3304

 58.6655, 0.3259,
0.3296

 69.8844, 0.3093,
0.3288

 82.6043, 0.2959,
0.3282

 93.0358, 0.2883,
0.3289

Harmonies

Analogous

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



19.4909, 0.4571, 0.2640



19.4909, 0.5338, 0.3336



19.4909, 0.5288, 0.4099

Triad

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



19.4909, 0.5338, 0.3336



19.4909, 0.2588, 0.5193



19.4909, 0.1592, 0.1655

Complementary

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



19.4909, 0.5338, 0.3336



52.2029, 0.2330, 0.3231

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.



19.4909, 0.1292, 0.1910



19.4909, 0.5338, 0.3336



19.4909, 0.1746, 0.3890

Square

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



19.4909, 0.5338, 0.3336



19.4909, 0.3632, 0.5497



19.4909, 0.1325, 0.2619



19.4909, 0.2266, 0.1724

Rectangle

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



19.4909, 0.5338, 0.3336



19.4909, 0.4885, 0.4643



19.4909, 0.1325, 0.2619



19.4909, 0.1454, 0.1700

Sweetspot

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



19.4920, 0.5338, 0.3336



69.4803, 0.3524, 0.3306



23.2836, 0.3225, 0.1801



14.1000, 0.3595, 0.3308



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.



19.4920, 0.5338, 0.3336



24.1317, 0.5948, 0.3330



34.6453, 0.4632, 0.4140



12.4754, 0.3290, 0.3297



8.7439, 0.6379, 0.3317



0.5473, 0.6310, 0.3372

Inverse Universe

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



52.2029, 0.2330, 0.3231



75.7813, 0.2262, 0.3218



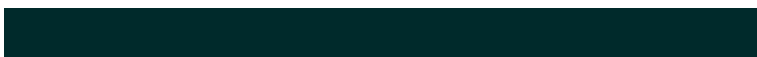
24.6079, 0.2063, 0.2130



14.0460, 0.2983, 0.3283



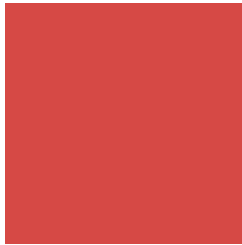
30.2489, 0.2223, 0.3203



1.8435, 0.2228, 0.3219

Previews

White Background



This preview shows how the Yxy color 19.4909, 0.5338, 0.3336 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 19.4909, 0.5338, 0.3336 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 19.4909, 0.5338, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 19.4909, 0.5338, 0.3336.



This preview shows how white text looks on a background with the Yxy color 19.4909, 0.5338, 0.3336.

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

19.4909, 0.5338, 0.3336

Protanopia

19.7596, 0.3668, 0.3956

Deuteranopia

19.6388, 0.4270, 0.4200



Tritanopia

19.4527, 0.5248, 0.3256

Trichromacy



Original Color

19.4909, 0.5338, 0.3336

Protanomaly

18.3637, 0.4300, 0.3690

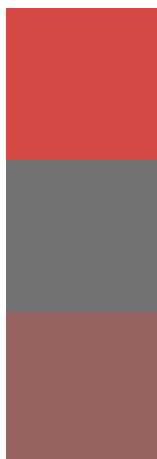
Deuteranomaly

18.6762, 0.4706, 0.3815

Tritanomaly

19.4119, 0.5291, 0.3286

Monochromacy



Original Color

19.4909, 0.5338, 0.3336

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.5755, 0.3919, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4909, 0.5338, 0.3336 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(214, 73, 69)` looks like.

```
.text, #text, p{  
    color:rgb(214, 73, 69)  
}
```

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(214, 73, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 73, 69) }
```

Border

The CSS property to change the border of an element to Yxy 19.4909, 0.5338, 0.3336 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(214, 73, 69) }
```

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

```
.border{ border-color:rgb(214, 73, 69) }
```

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

Here you see how a box with a 4 pixel rgb(214, 73, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 73, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 73, 69);  
box-shadow:4px 4px 4px 4px rgb(214, 73,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4909, 0.5338, 0.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 73, 69) }
```

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

```
.background{ background-color: rgb(214, 73,  
69) }
```

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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