

Converting Colors

$Y_{xy}(19.7257, 0.5357, 0.3467)$

Have a look what the booklet for
Yxy(19.7257, 0.5357, 0.3467)
contains.

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Color

Yxy(19.7886, 0.5348, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	D34F3E
RGB	211, 79, 62
RGB Percent	83%, 31%, 24%
CMY	0.1725, 0.6902, 0.7568
CMYK	0.00, 0.63, 0.71, 0.17
HSL	7°, 63%, 54%
HSV	7°, 71%, 83%
XYZ	30.5336, 19.7886, 6.7713
YIQ	116.5300, 84.1290, 22.6970

Conversions

Conversions Part 2

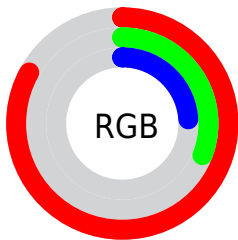
Format	Color
RYB	211, 81, 62
Decimal	13848382
CIELab	51.60, 51.07, 37.31
CIELCh	52, 63.247, 36.149
Yxy	19.7886, 0.5348, 0.3466
Android (android.graphics.Color)	4292038462 (0xFFD34F3E)
YUV	116.5300, -26.8833, 82.8502
Hunter-Lab	44.4844, 44.6728, 22.1141

Details

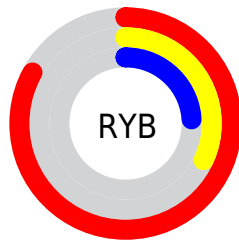
The Yxy color **19.7886, 0.5348, 0.3466** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **44.3363, 0.2266, 0.3040**, and the grayscale version is **17.7013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1608, 0.4718, 0.3523**, and **6.8658, 0.6112, 0.3299** is the 20% darker color. If you saturate the color by 10%, you get **17.2730, 0.5771, 0.3450**, and if you desaturate by 10%, it is **23.1549, 0.4900, 0.3462**.

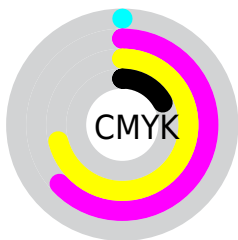
Distribution



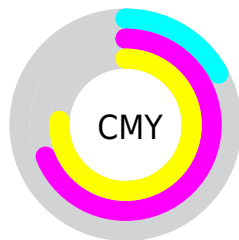
- Red (83%)
- Green (31%)
- Blue (24%)



- Red (83%)
- Yellow (32%)
- Blue (24%)



- Cyan (0%)
- Magenta (63%)
- Yellow (71%)
- Black (17%)





- Cyan (17%)
- Magenta (69%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.7886, 0.5348, 0.3466 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 19.7886, 0.5348, 0.3466 by changing the saturation by 10% instead.


 19.7886, 0.5348,
0.3466


 19.7886, 0.5348,
0.3466


250.7684, 0.4101,
0.3472


 12.2415, 0.5684,
0.3412


 43.0625, 0.4870,
0.3502


 6.9084, 0.6115,
0.3302


 59.5580, 0.4697,
0.3504


 3.4048, 0.6837,
0.3163

 79.8051, 0.4554,
0.3502

 1.3466, 0.7351,
0.2649

 104.1882, 0.4434,
0.3497

 0.1768, 0.8979,
0.1021

 133.0917, 0.4332,
0.3492

 0.0000, 1.0000,
0.0000

 166.9000, 0.4244,

 0.0000, 0.0000,

0.3485

0.0000

205.9974, 0.4168,
0.3478

■ 19.7886, 0.5348,
0.3466

■ 19.7886, 0.5348,
0.3466

■ 17.2730, 0.5771,
0.3450

■ 23.1549, 0.4900,
0.3462

■ 15.5282, 0.6109,
0.3411


■ 27.4356, 0.4477,
0.3443

■ 14.5056, 0.6315,
0.3368


■ 32.6925, 0.4103,
0.3416

■ 38.9805, 0.3786,
0.3384

■ 46.3509, 0.3524,
0.3352

 54.8514, 0.3311,
0.3321

 64.5267, 0.3137,
0.3292

 75.4193, 0.2995,
0.3265

 87.5694, 0.2879,
0.3241

Harmonies

Analogous

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



19.7886, 0.4721, 0.2764



19.7886, 0.5348, 0.3466



19.7886, 0.5178, 0.4233

Triad

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



19.7886, 0.5348, 0.3466



19.7886, 0.2438, 0.4982



19.7886, 0.1700, 0.1669

Complementary

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



19.7886, 0.5348, 0.3466



44.3363, 0.2266, 0.3040

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.



19.7886, 0.1344, 0.1862



19.7886, 0.5348, 0.3466



19.7886, 0.1668, 0.3639

Square

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



19.7886, 0.5348, 0.3466



19.7886, 0.3456, 0.5485



19.7886, 0.1320, 0.2476



19.7886, 0.2435, 0.1785

Rectangle

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



19.7886, 0.5348, 0.3466



19.7886, 0.4732, 0.4767



19.7886, 0.1320, 0.2476



19.7886, 0.1542, 0.1696

Sweetspot

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



19.7897, 0.5348, 0.3466



70.3893, 0.3539, 0.3354



21.2902, 0.3376, 0.1864



14.3600, 0.3608, 0.3363



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.



19.7897, 0.5348, 0.3466



24.9486, 0.5965, 0.3432



36.4681, 0.4579, 0.4296



12.0219, 0.3288, 0.3317



8.8290, 0.6298, 0.3381



0.5682, 0.6040, 0.3586

Inverse Universe

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



44.3363, 0.2266, 0.3040



64.4101, 0.2185, 0.2979



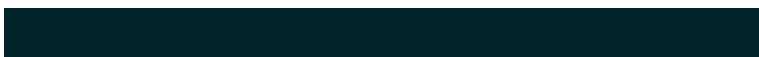
19.5554, 0.1976, 0.1871



13.1676, 0.2983, 0.3263



24.3771, 0.2147, 0.2930



1.4298, 0.2167, 0.3002

Previews

White Background



This preview shows how the Yxy color 19.7886, 0.5348, 0.3466 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 19.7886, 0.5348, 0.3466 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 19.7886, 0.5348, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 19.7886, 0.5348, 0.3466.



This preview shows how white text looks on a background with the Yxy color 19.7886, 0.5348, 0.3466.

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

19.7886, 0.5348, 0.3466

Protanopia

20.1020, 0.3817, 0.4139

Deuteranopia

19.9955, 0.4356, 0.4295



Tritanopia

19.7600, 0.5124, 0.3243

Trichromacy



Original Color

19.7886, 0.5348, 0.3466

Protanomaly

18.9795, 0.4391, 0.3852

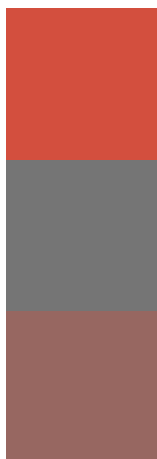
Deuteranomaly

19.1947, 0.4753, 0.3942

Tritanomaly

19.7992, 0.5217, 0.3327

Monochromacy



Original Color

19.7886, 0.5348, 0.3466

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.1429, 0.3916, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.7886, 0.5348, 0.3466 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(211, 79, 62)` looks like.

```
.text, #text, p{  
    color:rgb(211, 79, 62)  
}
```

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(211, 79, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 79, 62) }
```

Border

The CSS property to change the border of an element to Yxy 19.7886, 0.5348, 0.3466 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(211, 79, 62) }
```

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

```
.border{ border-color:rgb(211, 79, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 79, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 79, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 79, 62);  
box-shadow:4px 4px 4px 4px rgb(211, 79,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 19.7886, 0.5348, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 79, 62) }
```

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

```
.background{ background-color: rgb(211, 79,  
62) }
```

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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