

Converting Colors

$Yxy(18.8853, 0.5353, 0.3268)$

Have a look what the booklet for
Yxy(18.8853, 0.5353, 0.3268)
contains.

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Color

Yxy(18.8853, 0.5353, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	D64447
RGB	214, 68, 71
RGB Percent	84%, 27%, 28%
CMY	0.1608, 0.7333, 0.7217
CMYK	0.00, 0.68, 0.67, 0.16
HSL	359°, 64%, 55%
HSV	359°, 68%, 84%
XYZ	30.9342, 18.8853, 7.9690
YIQ	111.9960, 86.0530, 31.8850

Conversions

Conversions Part 2

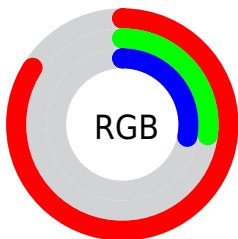
Format	Color
RYB	214, 68, 71
Decimal	14042183
CIELab	50.55, 57.06, 31.09
CIELCh	51, 64.983, 28.580
Yxy	18.8853, 0.5353, 0.3268
Android (android.graphics.Color)	4292232263 (0xFFD64447)
YUV	111.9960, -20.2110, 89.4575
Hunter-Lab	43.4572, 51.0118, 19.5476

Details

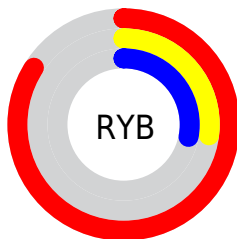
The Yxy color **18.8853, 0.5353, 0.3268** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **54.0267, 0.2353, 0.3329**, and the grayscale version is **16.2446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.0314, 0.4668, 0.3335**, and **6.7545, 0.6101, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **16.5284, 0.5804, 0.3273**, and if you desaturate by 10%, it is **22.2815, 0.4877, 0.3267**.

Distribution



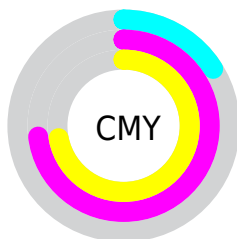
- Red (84%)
- Green (27%)
- Blue (28%)



- Red (84%)
- Yellow (27%)
- Blue (28%)



- Cyan (0%)
- Magenta (68%)
- Yellow (67%)
- Black (16%)





- Cyan (16%)
- Magenta (73%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.8853, 0.5353, 0.3268 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 18.8853, 0.5353, 0.3268 by changing the saturation by 10% instead.


 18.8853, 0.5353,
0.3268


 18.8853, 0.5353,
0.3268


245.8148, 0.4087,
0.3371


 11.5874, 0.5706,
0.3194


 41.5402, 0.4861,
0.3337

 6.4634, 0.6169,
0.3063


 57.6660, 0.4685,
0.3352


 3.1289, 0.6865,
0.2857

 77.5033, 0.4540,
0.3361

 1.1994, 0.7618,
0.2382

 101.4363, 0.4419,
0.3367

 0.0612, 0.9634,
0.0366

 129.8496, 0.4317,
0.3370

 0.0000, 1.0000,
0.0000

163.1275, 0.4229,

 0.0000, 0.0000,

0.3371

0.0000

201.6545, 0.4153,
0.3371

■ 18.8853, 0.5353,
0.3268

■ 18.8853, 0.5353,
0.3268

■ 16.5284, 0.5804,
0.3273

■ 22.2815, 0.4877,
0.3267

■ 15.0890, 0.6156,
0.3282

■ 26.8145, 0.4433,
0.3269


■ 14.3961, 0.6357,
0.3290

■ 32.5744, 0.4049,
0.3272

■ 14.3050, 0.6383,
0.3290


■ 39.6413, 0.3730,
0.3277

■ 48.0885, 0.3472,
0.3282

 57.9839, 0.3265,
0.3286

 69.3909, 0.3100,
0.3291

 82.3692, 0.2968,
0.3295

 93.0356, 0.2883,
0.3289

Harmonies

Analogous

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



18.8853, 0.4509, 0.2572



18.8853, 0.5353, 0.3268



18.8853, 0.5360, 0.4034

Triad

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



18.8853, 0.5353, 0.3268



18.8853, 0.2654, 0.5319



18.8853, 0.1528, 0.1635

Complementary

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



18.8853, 0.5353, 0.3268



54.0267, 0.2353, 0.3329

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.



18.8853, 0.1252, 0.1921



18.8853, 0.5353, 0.3268



18.8853, 0.1771, 0.4026

Square

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



18.8853, 0.5353, 0.3268



18.8853, 0.3718, 0.5519



18.8853, 0.1312, 0.2685



18.8853, 0.2175, 0.1681

Rectangle

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



18.8853, 0.5353, 0.3268



18.8853, 0.4973, 0.4587



18.8853, 0.1312, 0.2685



18.8853, 0.1398, 0.1688

Sweetspot

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



18.8864, 0.5353, 0.3268



68.8548, 0.3519, 0.3281



22.5656, 0.3144, 0.1750



13.9542, 0.3590, 0.3279



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.



18.8864, 0.5353, 0.3268



23.4374, 0.5982, 0.3277



32.3612, 0.4718, 0.4061



12.4248, 0.3288, 0.3286



8.6486, 0.6377, 0.3287



0.5231, 0.6304, 0.3246

Inverse Universe

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



18.8864, 0.5353, 0.3268



23.4374, 0.5982, 0.3277



26.6031, 0.2085, 0.2239



12.4248, 0.3288, 0.3286



8.6486, 0.6377, 0.3287



0.5231, 0.6304, 0.3246

Previews

White Background



This preview shows how the Yxy color 18.8853, 0.5353, 0.3268 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 18.8853, 0.5353, 0.3268 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 18.8853, 0.5353, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 18.8853, 0.5353, 0.3268.



This preview shows how white text looks on a background with the Yxy color 18.8853, 0.5353, 0.3268.

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

18.8853, 0.5353, 0.3268

Protanopia

19.0972, 0.3590, 0.3856

Deuteranopia

18.9162, 0.4229, 0.4158



Tritanopia

18.8853, 0.5353, 0.3268

Trichromacy



Original Color

18.8853, 0.5353, 0.3268

Protanomaly

17.6164, 0.4242, 0.3584

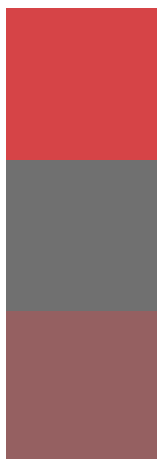
Deuteranomaly

17.8994, 0.4689, 0.3753

Tritanomaly

18.8853, 0.5353, 0.3268

Monochromacy



Original Color

18.8853, 0.5353, 0.3268

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.6184, 0.3929, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.8853, 0.5353, 0.3268 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, 68, 71)` looks like.

```
.text, #text, p{  
  color:rgb(214, 68, 71)  
}
```

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, 68, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 68, 71) }
```

Border

The CSS property to change the border of an element to Yxy 18.8853, 0.5353, 0.3268 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, 68, 71) }
```

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

```
.border{ border-color:rgb(214, 68, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 68, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 68, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 68, 71);  
box-shadow:4px 4px 4px 4px rgb(214, 68,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 18.8853, 0.5353, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 68, 71) }
```

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

```
.background{ background-color: rgb(214, 68,  
71) }
```

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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