

Converting Colors

$Yxy(18.1149, 0.5833, 0.3291)$

Have a look what the booklet for
Yxy(18.1149, 0.5833, 0.3291)
contains.

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Color

Yxy(18.1149, 0.5833, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	DF3132
RGB	223, 49, 50
RGB Percent	87%, 19%, 20%
CMY	0.1255, 0.8078, 0.8039
CMYK	0.00, 0.78, 0.78, 0.13
HSL	360°, 73%, 53%
HSV	360°, 78%, 87%
XYZ	32.1070, 18.1149, 4.8218
YIQ	101.1400, 103.3830, 37.1990

Conversions

Conversions Part 2

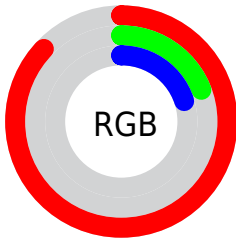
Format	Color
R _{YB}	223, 49, 50
Decimal	14627122
CIE Lab	49.64, 65.31, 42.41
CIE LCh	50, 77.871, 32.994
Yxy	18.1149, 0.5833, 0.3291
Android (android.graphics.Color)	4292817202 (0xFFDF3132)
YUV	101.1400, -25.2120, 106.8712
Hunter-Lab	42.5616, 60.1715, 23.0761

Details

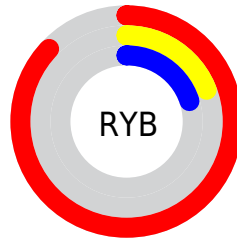
The Yxy color **18.1149, 0.5833, 0.3291** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **58.7060, 0.2297, 0.3301**, and the grayscale version is **13.0988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2749, 0.5028, 0.3416**, and **7.3819, 0.6361, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **16.5422, 0.6179, 0.3294**, and if you desaturate by 10%, it is **20.7041, 0.5382, 0.3289**.

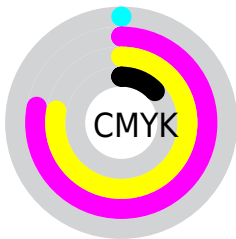
Distribution



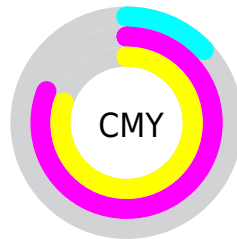
- Red (87%)
- Green (19%)
- Blue (20%)



- Red (87%)
- Yellow (19%)
- Blue (20%)



- Cyan (0%)
- Magenta (78%)
- Yellow (78%)
- Black (13%)





- Cyan (13%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.1149, 0.5833, 0.3291 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 18.1149, 0.5833, 0.3291 by changing the saturation by 10% instead.


 18.1149, 0.5833,
0.3291


 18.1149, 0.5833,
0.3291


241.5179, 0.4322,
0.3441


 11.0325, 0.6221,
0.3178


 40.2330, 0.5264,
0.3397


 6.0887, 0.6713,
0.2988

 56.0375, 0.5054,
0.3420

 2.8991, 0.7334,
0.2666

 75.5182, 0.4879,
0.3433

 1.0793, 0.7929,
0.2071

 99.0594, 0.4731,
0.3440

 0.0000, 1.0000,
0.0000

 127.0456, 0.4606,
0.3444

 0.0000, 0.0000,
0.0000

 159.8612, 0.4498,

0.3444

197.8905, 0.4404,
0.3443

■ 18.1149, 0.5833,
0.3291

■ 18.1149, 0.5833,
0.3291

■ 16.5422, 0.6179,
0.3294

■ 20.7041, 0.5382,
0.3289

■ 15.7969, 0.6368,
0.3297

■ 24.4383, 0.4901,
0.3287


■ 15.6918, 0.6396,
0.3297


■ 29.4305, 0.4450,
0.3287


■ 35.7796, 0.4059,
0.3287

■ 43.5743, 0.3736,
0.3288

 52.8961, 0.3474,
0.3288

 63.8202, 0.3264,
0.3289

 76.4169, 0.3097,
0.3290

 90.7525, 0.2963,
0.3291

Harmonies

Analogous

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



18.1149, 0.4992, 0.2535



18.1149, 0.5833, 0.3291



18.1149, 0.5600, 0.4139

Triad

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



18.1149, 0.5833, 0.3291



18.1149, 0.2319, 0.5674



18.1149, 0.1374, 0.1385

Complementary

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



18.1149, 0.5833, 0.3291



58.7060, 0.2297, 0.3301

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.



18.1149, 0.1026, 0.1611



18.1149, 0.5833, 0.3291



18.1149, 0.1408, 0.3887

Square

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



18.1149, 0.5833, 0.3291



18.1149, 0.3504, 0.6001



18.1149, 0.1015, 0.2347



18.1149, 0.2152, 0.1489

Rectangle

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



18.1149, 0.5833, 0.3291



18.1149, 0.5042, 0.4804



18.1149, 0.1015, 0.2347



18.1149, 0.1217, 0.1419

Sweetspot

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



18.1160, 0.5833, 0.3291



64.9148, 0.3601, 0.3288



22.7570, 0.3172, 0.1642



12.9430, 0.3701, 0.3288



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.



18.1160, 0.5833, 0.3291



21.6496, 0.6321, 0.3297



32.7142, 0.4970, 0.4128



13.7018, 0.3291, 0.3289



9.2265, 0.6394, 0.3296



0.6400, 0.6375, 0.3286

Inverse Universe

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



18.1160, 0.5833, 0.3291



21.6496, 0.6321, 0.3297



24.4185, 0.1959, 0.2010



13.7018, 0.3291, 0.3289



9.2265, 0.6394, 0.3296



0.6400, 0.6375, 0.3286

Previews

White Background



This preview shows how the Yxy color 18.1149, 0.5833, 0.3291 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 18.1149, 0.5833, 0.3291 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 18.1149, 0.5833, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 18.1149, 0.5833, 0.3291.



This preview shows how white text looks on a background with the Yxy color 18.1149, 0.5833, 0.3291.

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

18.1149, 0.5833, 0.3291

Protanopia

18.3944, 0.3854, 0.4185

Deuteranopia

18.3334, 0.4515, 0.4442



Tritanopia

18.1149, 0.5833, 0.3291

Trichromacy



Original Color

18.1149, 0.5833, 0.3291

Protanomaly

16.2568, 0.4674, 0.3760

Deuteranomaly

16.7096, 0.5118, 0.3891

Tritanomaly

18.1149, 0.5833, 0.3291

Monochromacy



Original Color

18.1149, 0.5833, 0.3291

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

12.6635, 0.4217, 0.3293

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1149, 0.5833, 0.3291 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(223, 49, 50)` looks like.

```
.text, #text, p{  
  color:rgb(223, 49, 50)  
}
```

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(223, 49, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 49, 50) }
```

Border

The CSS property to change the border of an element to Yxy 18.1149, 0.5833, 0.3291 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(223, 49, 50) }
```

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

```
.border{ border-color:rgb(223, 49, 50) }
```

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

Here you see how a box with a 4 pixel rgb(223, 49, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 49, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 49, 50);  
box-shadow:4px 4px 4px 4px rgb(223, 49,  
50) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1149, 0.5833, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 49, 50) }
```

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

```
.background{ background-color: rgb(223, 49,  
50) }
```

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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