

Converting Colors

$Y_{xy}(18.9279, 0.6040, 0.3293)$

Have a look what the booklet for
Yxy(18.9279, 0.6040, 0.3293)
contains.

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Color

Yxy(18.9279, 0.6040, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	E92728
RGB	233, 39, 40
RGB Percent	91%, 15%, 16%
CMY	0.0862, 0.8472, 0.8430
CMYK	0.00, 0.83, 0.83, 0.09
HSL	360°, 82%, 53%
HSV	360°, 83%, 91%
XYZ	34.7174, 18.9279, 3.8339
YIQ	97.1200, 115.3030, 41.4390

Conversions

Conversions Part 2

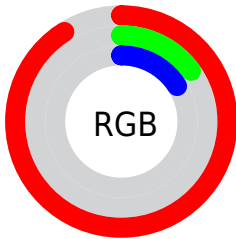
Format	Color
R_{YB}	233, 39, 40
Decimal	15279912
CIE _{Lab}	50.60, 70.33, 49.28
CIE _{LCh}	51, 85.880, 35.017
Yxy	18.9279, 0.6040, 0.3293
Android (android.graphics.Color)	4293469992 (0xFFE92728)
YUV	97.1200, -28.1602, 119.1668
Hunter-Lab	43.5062, 66.3050, 25.2296

Details

The Yxy color **18.9279, 0.6040, 0.3293** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **64.5418, 0.2278, 0.3301**, and the grayscale version is **12.0321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.2562, 0.5169, 0.3466**, and **8.3248, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **17.7274, 0.6302, 0.3296**, and if you desaturate by 10%, it is **21.1628, 0.5636, 0.3290**.

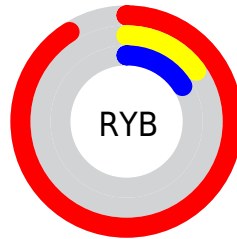
Distribution



Red (91%)

Green (15%)

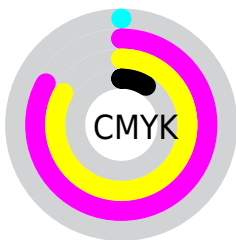
Blue (16%)



Red (91%)

Yellow (15%)

Blue (16%)

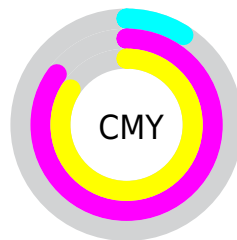


Cyan (0%)

Magenta (83%)

Yellow (83%)

Black (9%)



Cyan (9%)

Magenta (85%)

Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.9279, 0.6040, 0.3293 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 18.9279, 0.6040, 0.3293 by changing the saturation by 10% instead.


 18.9279, 0.6040,
0.3293


 18.9279, 0.6040,
0.3293


246.0504, 0.4452,
0.3479


 11.6182, 0.6422,
0.3160


 41.6122, 0.5458,
0.3421


 6.4843, 0.6927,
0.2961


 57.7556, 0.5238,
0.3450


 3.1417, 0.7418,
0.2582

 77.6124, 0.5053,
0.3467

 1.2062, 0.7997,
0.2003

 101.5669, 0.4895,
0.3477

 0.0667, 0.9702,
0.0298

 130.0036, 0.4760,
0.3481

 0.0000, 1.0000,
0.0000

 163.3068, 0.4643,

 0.0000, 0.0000,

0.3482

0.0000

201.8610, 0.4541,
0.3481

■ 18.9279, 0.6040,
0.3293

■ 18.9279, 0.6040,
0.3293

■ 17.7274, 0.6302,
0.3296

■ 21.1628, 0.5636,
0.3290

■ 17.3292, 0.6396,
0.3297


■ 24.5925, 0.5161,
0.3288

■ 29.3537, 0.4687,
0.3287

■ 35.5636, 0.4261,
0.3287

■ 43.3265, 0.3900,
0.3287

 52.7374, 0.3606,
0.3288

 63.8833, 0.3369,
0.3289

 76.8453, 0.3180,
0.3290

 91.6995, 0.3030,
0.3291

Harmonies

Analogous

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



18.9279, 0.5239, 0.2521



18.9279, 0.6040, 0.3293



18.9279, 0.5676, 0.4179

Triad

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



18.9279, 0.6040, 0.3293



18.9279, 0.2144, 0.5825



18.9279, 0.1315, 0.1280

Complementary

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



18.9279, 0.6040, 0.3293



64.5418, 0.2278, 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.



18.9279, 0.0935, 0.1476



18.9279, 0.6040, 0.3293



18.9279, 0.1243, 0.3780

Square

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



18.9279, 0.6040, 0.3293



18.9279, 0.3369, 0.6236



18.9279, 0.0892, 0.2180



18.9279, 0.2155, 0.1410

Rectangle

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



18.9279, 0.6040, 0.3293



18.9279, 0.5050, 0.4919



18.9279, 0.0892, 0.2180



18.9279, 0.1146, 0.1305

Sweetspot

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



18.9291, 0.6040, 0.3293



62.4187, 0.3655, 0.3288



24.1204, 0.3171, 0.1594



12.4660, 0.3756, 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.



18.9291, 0.6040, 0.3293



21.2630, 0.6397, 0.3298



34.1823, 0.5113, 0.4128



15.0554, 0.3292, 0.3289



9.8320, 0.6395, 0.3296



0.7725, 0.6378, 0.3287

Inverse Universe

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



18.9291, 0.6040, 0.3293



21.2630, 0.6397, 0.3298



24.8465, 0.1905, 0.1908



15.0554, 0.3292, 0.3289



9.8320, 0.6395, 0.3296



0.7725, 0.6378, 0.3287

Previews

White Background



This preview shows how the Yxy color 18.9279, 0.6040, 0.3293 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 18.9279, 0.6040, 0.3293 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 18.9279, 0.6040, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 18.9279, 0.6040, 0.3293.



This preview shows how white text looks on a background with the Yxy color 18.9279, 0.6040, 0.3293.

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

18.9279, 0.6040, 0.3293

Protanopia

19.0800, 0.4001, 0.4360

Deuteranopia

19.0774, 0.4648, 0.4576



Tritanopia

18.9146, 0.6057, 0.3304

Trichromacy



Original Color

18.9279, 0.6040, 0.3293

Protanomaly

16.2853, 0.4914, 0.3818

Deuteranomaly

16.8361, 0.5354, 0.3939

Tritanomaly

18.9212, 0.6049, 0.3299

Monochromacy



Original Color

18.9279, 0.6040, 0.3293

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.8017, 0.4394, 0.3294

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.9279, 0.6040, 0.3293 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(233, 39, 40)` looks like.

```
.text, #text, p{  
    color:rgb(233, 39, 40)  
}
```

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(233, 39, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 39, 40) }
```

Border

The CSS property to change the border of an element to Yxy 18.9279, 0.6040, 0.3293 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(233, 39, 40) }
```

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

```
.border{ border-color:rgb(233, 39, 40) }
```

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

Here you see how a box with a 4 pixel rgb(233, 39, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 39, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 39, 40);  
box-shadow:4px 4px 4px 4px rgb(233, 39,  
40) }
```


Background

The CSS property to change the background color of an element to Yxy 18.9279, 0.6040, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 39, 40) }
```

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

```
.background{ background-color: rgb(233, 39,  
40) }
```

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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