

Converting Colors

$Yxy(19.5885, 0.6161, 0.3315)$

Have a look what the booklet for
Yxy(19.5885, 0.6161, 0.3315)
contains.

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Color

Yxy(19.5885, 0.6161, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	EF221E
RGB	239, 34, 30
RGB Percent	94%, 13%, 12%
CMY	0.0627, 0.8667, 0.8820
CMYK	0.00, 0.86, 0.87, 0.06
HSL	1°, 87%, 53%
HSV	1°, 87%, 94%
XYZ	36.4057, 19.5885, 3.0963
YIQ	94.8390, 123.4640, 42.2160

Conversions

Conversions Part 2

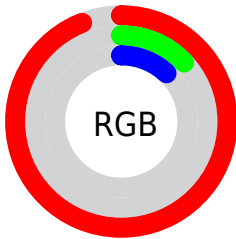
Format	Color
R_{YB}	239, 34, 30
Decimal	15671838
CIE _{Lab}	51.37, 72.73, 55.11
CIE _{LCh}	51, 91.253, 37.149
Yxy	19.5885, 0.6161, 0.3315
Android (android.graphics.Color)	4293861918 (0xFFEF221E)
YUV	94.8390, -31.9656, 126.4292
Hunter-Lab	44.2589, 69.3741, 26.8333

Details

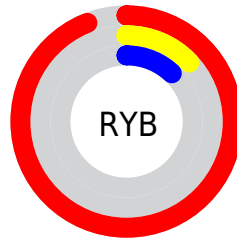
The Yxy color **19.5885, 0.6161, 0.3315** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **65.9840, 0.2250, 0.3237**, and the grayscale version is **11.4607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.7107, 0.5279, 0.3520**, and **8.8842, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **18.5943, 0.6358, 0.3307**, and if you desaturate by 10%, it is **21.5888, 0.5807, 0.3321**.

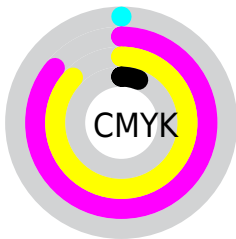
Distribution



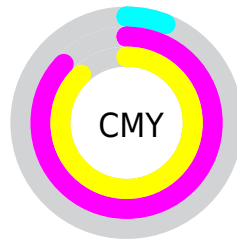
- Red (94%)
- Green (13%)
- Blue (12%)



- Red (94%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (86%)
- Yellow (87%)
- Black (6%)





- Cyan (6%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.5885, 0.6161, 0.3315 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 19.5885, 0.6161, 0.3315 by changing the saturation by 10% instead.


 19.5885, 0.6161,
0.3315


 19.5885, 0.6161,
0.3315


249.6786, 0.4541,
0.3520


 12.0963, 0.6530,
0.3170


 42.7262, 0.5582,
0.3458


 6.8093, 0.7034,
0.2966


 59.1404, 0.5358,
0.3490

 3.3431, 0.7441,
0.2559

 79.2975, 0.5168,
0.3509

 1.3134, 0.8006,
0.1994

 103.5818, 0.5005,
0.3519

 0.1515, 0.9416,
0.0584

 132.3776, 0.4864,
0.3523


 0.0000, 1.0000,
0.0000


 166.0694, 0.4742,


 0.0000, 0.0000,


0.3524


0.0000


 205.0416, 0.4635,
0.3523

 19.5885, 0.6161,
0.3315


 19.5885, 0.6161,
0.3315


 18.5943, 0.6358,
0.3307

 21.5888, 0.5807,
0.3321

 18.4488, 0.6391,
0.3308

 24.7706, 0.5353,
0.3323

 29.2794, 0.4875,
0.3321

 35.2389, 0.4428,
0.3317

 42.7587, 0.4041,
0.3311

■ 51.9380, 0.3721,
0.3305

■ 62.8674, 0.3461,
0.3299

■ 75.6313, 0.3254,
0.3294

■ 90.3086, 0.3088,
0.3289

Harmonies

Analogous

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



19.5885, 0.5438, 0.2535



19.5885, 0.6161, 0.3315



19.5885, 0.5692, 0.4240

Triad

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



19.5885, 0.6161, 0.3315



19.5885, 0.1997, 0.5861



19.5885, 0.1300, 0.1219

Complementary

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



19.5885, 0.6161, 0.3315



65.9840, 0.2250, 0.3237

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.



19.5885, 0.0891, 0.1385



19.5885, 0.6161, 0.3315



19.5885, 0.1126, 0.3636

Square

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



19.5885, 0.6161, 0.3315



19.5885, 0.3236, 0.6400



19.5885, 0.0818, 0.2045



19.5885, 0.2198, 0.1373

Rectangle

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



19.5885, 0.6161, 0.3315



19.5885, 0.4989, 0.5011



19.5885, 0.0818, 0.2045



19.5885, 0.1120, 0.1235

Sweetspot

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



19.5897, 0.6161, 0.3315



61.7218, 0.3683, 0.3305



25.3134, 0.3244, 0.1606



12.3519, 0.3784, 0.3307



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.



19.5897, 0.6161, 0.3315



21.3635, 0.6392, 0.3307



36.6314, 0.5135, 0.4187



15.8061, 0.3293, 0.3295



10.2155, 0.6387, 0.3311



0.8664, 0.6351, 0.3339

Inverse Universe

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



65.9840, 0.2250, 0.3237



75.7360, 0.2230, 0.3229



22.7599, 0.1840, 0.1727



17.8753, 0.2981, 0.3285



36.1542, 0.2231, 0.3231



3.0237, 0.2233, 0.3239

Previews

White Background



This preview shows how the Yxy color 19.5885, 0.6161, 0.3315 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 19.5885, 0.6161, 0.3315 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 19.5885, 0.6161, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 19.5885, 0.6161, 0.3315.



This preview shows how white text looks on a background with the Yxy color 19.5885, 0.6161, 0.3315.

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

19.5885, 0.6161, 0.3315

Protanopia

19.7146, 0.4126, 0.4525

Deuteranopia

19.6911, 0.4697, 0.4653



Tritanopia

19.5885, 0.6161, 0.3315

Trichromacy



Original Color

19.5885, 0.6161, 0.3315

Protanomaly

16.6553, 0.5072, 0.3905

Deuteranomaly

17.2797, 0.5465, 0.3982

Tritanomaly

19.5885, 0.6161, 0.3315

Monochromacy



Original Color

19.5885, 0.6161, 0.3315

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.4231, 0.4531, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5885, 0.6161, 0.3315 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(239, 34, 30)` looks like.

```
.text, #text, p{  
  color:rgb(239, 34, 30)  
}
```

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(239, 34, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 34, 30) }
```

Border

The CSS property to change the border of an element to Yxy 19.5885, 0.6161, 0.3315 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(239, 34, 30) }
```

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

```
.border{ border-color:rgb(239, 34, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 34, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 34, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 34, 30);  
box-shadow:4px 4px 4px 4px rgb(239, 34,  
30) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5885, 0.6161, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 34, 30) }
```

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

```
.background{ background-color: rgb(239, 34,  
30) }
```

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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