

Converting Colors

$Yxy(19.4394, 0.6094, 0.3249)$

Have a look what the booklet for
Yxy(19.4394, 0.6094, 0.3249)
contains.

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Color

Yxy(19.4394, 0.6094, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	EF1E29
RGB	239, 30, 41
RGB Percent	94%, 12%, 16%
CMY	0.0627, 0.8823, 0.8391
CMYK	0.00, 0.87, 0.83, 0.06
HSL	357°, 87%, 53%
HSV	357°, 87%, 94%
XYZ	36.4616, 19.4394, 3.9310
YIQ	93.7450, 121.0330, 47.7290

Conversions

Conversions Part 2

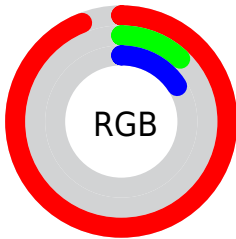
Format	Color
R_{YB}	239, 30, 41
Decimal	15670825
CIE Lab	51.20, 73.66, 49.76
CIE LCh	51, 88.890, 34.039
Yxy	19.4394, 0.6094, 0.3249
Android (android.graphics.Color)	4293860905 (0xFFEF1E29)
YUV	93.7450, -26.0033, 127.3886
Hunter-Lab	44.0901, 70.4579, 25.5770

Details

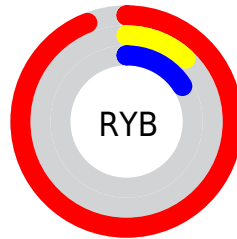
The Yxy color **19.4394, 0.6094, 0.3249** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **67.6100, 0.2304, 0.3431**, and the grayscale version is **11.1750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.4673, 0.5190, 0.3420**, and **8.8842, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **18.5285, 0.6323, 0.3275**, and if you desaturate by 10%, it is **21.3482, 0.5722, 0.3229**.

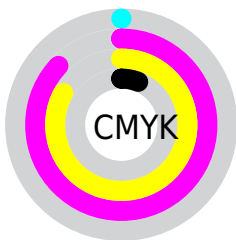
Distribution



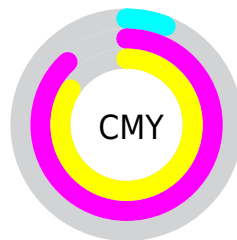
- Red (94%)
- Green (12%)
- Blue (16%)



- Red (94%)
- Yellow (12%)
- Blue (16%)



- Cyan (0%)
- Magenta (87%)
- Yellow (83%)
- Black (6%)




- Cyan (6%)
- Magenta (88%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4394, 0.6094, 0.3249 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 19.4394, 0.6094, 0.3249 by changing the saturation by 10% instead.


 19.4394, 0.6094,
0.3249


 19.4394, 0.6094,
0.3249


248.8639, 0.4486,
0.3463


 11.9882, 0.6477,
0.3111


 42.4753, 0.5508,
0.3387

 6.7356, 0.6975,
0.2904


 58.8287, 0.5285,
0.3421

 3.2973, 0.7471,
0.2529

 78.9184, 0.5097,
0.3441

 1.2889, 0.8041,
0.1959

 103.1287, 0.4937,
0.3453

 0.1326, 0.9488,
0.0512

 131.8440, 0.4800,
0.3460

 0.0000, 1.0000,
0.0000

 165.4487, 0.4681,

 0.0000, 0.0000,

0.3463

0.0000

204.3272, 0.4577,
0.3464

■ 19.4394, 0.6094,
0.3249

■ 19.4394, 0.6094,
0.3249

■ 18.5285, 0.6323,
0.3275

■ 21.3482, 0.5722,
0.3229


■ 18.3786, 0.6360,
0.3277

■ 24.4512, 0.5268,
0.3220

■ 28.9021, 0.4800,
0.3221


■ 34.8309, 0.4369,
0.3228

■ 42.3522, 0.3999,
0.3240

 51.5695, 0.3693,
0.3253

 62.5774, 0.3446,
0.3267

 75.4635, 0.3248,
0.3281

 90.3099, 0.3090,
0.3293

Harmonies

Analogous

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



19.4394, 0.5243, 0.2476



19.4394, 0.6094, 0.3249



19.4394, 0.5739, 0.4137

Triad

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



19.4394, 0.6094, 0.3249



19.4394, 0.2148, 0.5953



19.4394, 0.1266, 0.1249

Complementary

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



19.4394, 0.6094, 0.3249



67.6100, 0.2304, 0.3431

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.



19.4394, 0.0897, 0.1456



19.4394, 0.6094, 0.3249



19.4394, 0.1225, 0.3857

Square

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



19.4394, 0.6094, 0.3249



19.4394, 0.3391, 0.6279



19.4394, 0.0862, 0.2186



19.4394, 0.2096, 0.1371

Rectangle

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



19.4394, 0.6094, 0.3249



19.4394, 0.5108, 0.4892



19.4394, 0.0862, 0.2186



19.4394, 0.1102, 0.1277

Sweetspot

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



19.4406, 0.6094, 0.3249



61.3405, 0.3657, 0.3255



23.1801, 0.3061, 0.1506



12.2650, 0.3753, 0.3250



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.



19.4406, 0.6094, 0.3249



21.2902, 0.6363, 0.3279



32.0172, 0.5341, 0.4012



15.7723, 0.3285, 0.3278



10.1622, 0.6345, 0.3269



0.8501, 0.6202, 0.3190

Inverse Universe

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



19.4406, 0.6094, 0.3249



21.2902, 0.6363, 0.3279



27.8274, 0.1909, 0.1984



15.7723, 0.3285, 0.3278



10.1622, 0.6345, 0.3269



0.8501, 0.6202, 0.3190

Previews

White Background



This preview shows how the Yxy color 19.4394, 0.6094, 0.3249 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 19.4394, 0.6094, 0.3249 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 19.4394, 0.6094, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 19.4394, 0.6094, 0.3249.



This preview shows how white text looks on a background with the Yxy color 19.4394, 0.6094, 0.3249.

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

19.4394, 0.6094, 0.3249

Protanopia

19.6870, 0.3966, 0.4337

Deuteranopia

19.5030, 0.4658, 0.4571



Tritanopia

19.4676, 0.6184, 0.3315

Trichromacy



Original Color

19.4394, 0.6094, 0.3249

Protanomaly

16.3145, 0.4937, 0.3743

Deuteranomaly

17.0107, 0.5419, 0.3892

Tritanomaly

19.4405, 0.6155, 0.3291

Monochromacy



Original Color

19.4394, 0.6094, 0.3249

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

11.2175, 0.4473, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4394, 0.6094, 0.3249 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, 30, 41)` looks like.

```
.text, #text, p{  
    color:rgb(239, 30, 41)  
}
```

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, 30, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 30, 41) }
```

Border

The CSS property to change the border of an element to Yxy 19.4394, 0.6094, 0.3249 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, 30, 41) }
```

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

```
.border{ border-color:rgb(239, 30, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 30, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 30, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 30, 41);  
box-shadow:4px 4px 4px 4px rgb(239, 30,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4394, 0.6094, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 30, 41) }
```

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

```
.background{ background-color: rgb(239, 30,  
41) }
```

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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