

Converting Colors

$Yxy(18.0088, 0.6190, 0.3239)$

Have a look what the booklet for
Yxy(18.0088, 0.6190, 0.3239)
contains.

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Color

Yxy(18.0088, 0.6190, 0.3239)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EA1122 |
| RGB | 234, 17, 34 |
| RGB Percent | 92%, 7%, 13% |
| CMY | 0.0824, 0.9328, 0.8667 |
| CMYK | 0.00, 0.93, 0.85, 0.08 |
| HSL | 355°, 86%, 49% |
| HSV | 355°, 93%, 92% |
| XYZ | 34.4163, 18.0088, 3.1748 |
| YIQ | 83.8210, 123.8750, 51.2910 |

Conversions

Conversions Part 2

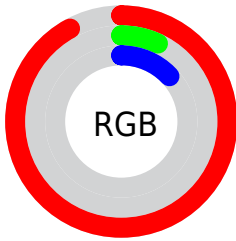
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 234, 17, 34 |
| Decimal | 15339810 |
| CIELab | 49.51, 74.02, 51.39 |
| CIElCh | 50, 90.110, 34.768 |
| Yxy | 18.0088, 0.6190, 0.3239 |
| Android (android.graphics.Color) | 4293529890 (0xFFEA1122) |
| YUV | 83.8210, -24.5618, 131.7070 |
| Hunter-Lab | 42.4368, 70.4996, 25.2702 |

Details

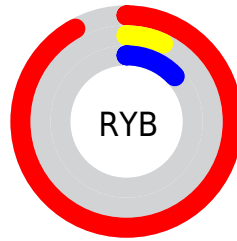
The Yxy color **18.0088, 0.6190, 0.3239** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **63.9719, 0.2318, 0.3514**, and the grayscale version is **8.8757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.2198, 0.5314, 0.3423**, and **8.3248, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **17.5335, 0.6333, 0.3263**, and if you desaturate by 10%, it is **19.3248, 0.5873, 0.3206**.

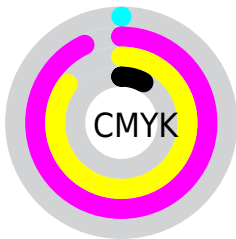
Distribution



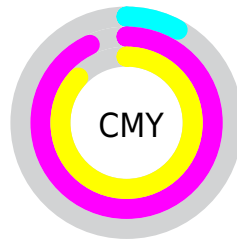
- Red (92%)
- Green (7%)
- Blue (13%)



- Red (92%)
- Yellow (7%)
- Blue (13%)



- Cyan (0%)
- Magenta (93%)
- Yellow (85%)
- Black (8%)





- Cyan (8%)
- Magenta (93%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0088, 0.6190, 0.3239 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 18.0088, 0.6190, 0.3239 by changing the saturation by 10% instead.


 18.0088, 0.6190,
0.3239


 18.0088, 0.6190,
0.3239


240.9206, 0.4524,
0.3476


 10.9563, 0.6582,
0.3085


 40.0523, 0.5585,
0.3393


 6.0375, 0.7129,
0.2871

 55.8121, 0.5354,
0.3430


 2.8679, 0.7563,
0.2437

 75.2432, 0.5159,
0.3453

 1.0631, 0.8166,
0.1834

 98.7298, 0.4993,
0.3466

 0.0000, 1.0000,
0.0000


 126.6565, 0.4850,
0.3473


 0.0000, 0.0000,
0.0000


 159.4076, 0.4727,

0.3477


 197.3675, 0.4619,
0.3477


 18.0088, 0.6190,
0.3239


 18.0088, 0.6190,
0.3239


 17.5335, 0.6333,
0.3263

 19.3248, 0.5873,
0.3206


 21.6869, 0.5451,
0.3186


 25.2558, 0.4989,
0.3182

 30.1637, 0.4545,
0.3189

 36.5256, 0.4154,
0.3205

 44.4441, 0.3825,
0.3224

 54.0126, 0.3557,
0.3245

 65.3171, 0.3340,
0.3266

 78.4375, 0.3167,
0.3285

Harmonies

Analogous

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



18.0088, 0.5357, 0.2462



18.0088, 0.6190, 0.3239



18.0088, 0.5786, 0.4152

Triad

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



18.0088, 0.6190, 0.3239



18.0088, 0.2067, 0.6042



18.0088, 0.1235, 0.1201

Complementary

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



18.0088, 0.6190, 0.3239



63.9719, 0.2318, 0.3514

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.



18.0088, 0.0855, 0.1395



18.0088, 0.6190, 0.3239



18.0088, 0.1150, 0.3814

Square

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



18.0088, 0.6190, 0.3239



18.0088, 0.3326, 0.6393



18.0088, 0.0806, 0.2112



18.0088, 0.2090, 0.1332

Rectangle

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



18.0088, 0.6190, 0.3239



18.0088, 0.5088, 0.4912



18.0088, 0.0806, 0.2112



18.0088, 0.1066, 0.1225

Sweetspot

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



18.0099, 0.6190, 0.3239



59.0556, 0.3696, 0.3234



20.9301, 0.3013, 0.1455



11.6111, 0.3819, 0.3225



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.



18.0099, 0.6190, 0.3239



21.3099, 0.6338, 0.3265



28.1482, 0.5511, 0.3943



15.0730, 0.3281, 0.3272



9.8617, 0.6315, 0.3252



0.7810, 0.6102, 0.3135

Inverse Universe

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



18.0099, 0.6190, 0.3239



21.3099, 0.6338, 0.3265



25.8949, 0.1888, 0.1956



15.0730, 0.3281, 0.3272



9.8617, 0.6315, 0.3252



0.7810, 0.6102, 0.3135

Previews

White Background



This preview shows how the Yxy color 18.0088, 0.6190, 0.3239 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 18.0088, 0.6190, 0.3239 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 18.0088, 0.6190, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 18.0088, 0.6190, 0.3239.



This preview shows how white text looks on a background with the Yxy color 18.0088, 0.6190, 0.3239.

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

18.0088, 0.6190, 0.3239

Protanopia

18.3847, 0.4043, 0.4418

Deuteranopia

18.2943, 0.4699, 0.4651



Tritanopia

18.0838, 0.6314, 0.3333

Trichromacy



Original Color

18.0088, 0.6190, 0.3239

Protanomaly

14.6830, 0.5083, 0.3748

Deuteranomaly

15.2991, 0.5560, 0.3893

Tritanomaly

18.0332, 0.6288, 0.3308

Monochromacy



Original Color

18.0088, 0.6190, 0.3239

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

9.1140, 0.4636, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0088, 0.6190, 0.3239 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(234, 17, 34)` looks like.

```
.text, #text, p{  
  color:rgb(234, 17, 34)  
}
```

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(234, 17, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 17, 34) }
```

Border

The CSS property to change the border of an element to Yxy 18.0088, 0.6190, 0.3239 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(234, 17, 34) }
```

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

```
.border{ border-color:rgb(234, 17, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 17, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 17, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 17, 34);  
box-shadow:4px 4px 4px 4px rgb(234, 17,  
34) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0088, 0.6190, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 17, 34) }
```

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

```
.background{ background-color: rgb(234, 17,  
34) }
```

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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