

Converting Colors

$Y_{xy}(19.0535, 0.6056, 0.3428)$

Have a look what the booklet for
Yxy(19.0535, 0.6056, 0.3428)
contains.

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Color

Yxy(19.0138, 0.6058, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	E5321A
RGB	229, 50, 26
RGB Percent	90%, 20%, 10%
CMY	0.1020, 0.8039, 0.8979
CMYK	0.00, 0.78, 0.89, 0.10
HSL	7°, 80%, 50%
HSV	7°, 89%, 90%
XYZ	33.6407, 19.0138, 2.8765
YIQ	100.7850, 114.3880, 30.4840

Conversions

Conversions Part 2

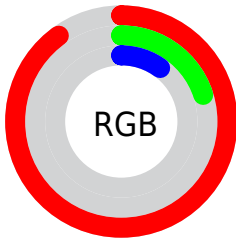
Format	Color
R_{YB}	229, 53, 26
Decimal	15020570
CIE _{Lab}	50.70, 66.17, 55.44
CIE _{LCh}	51, 86.323, 39.959
Yxy	19.0138, 0.6058, 0.3424
Android (android.graphics.Color)	4293210650 (0xFFE5321A)
YUV	100.7850, -36.8690, 112.4446
Hunter-Lab	43.6048, 61.4024, 26.6122

Details

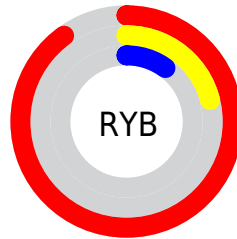
The Yxy color **19.0138, 0.6058, 0.3424** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **49.5531, 0.2171, 0.2954**, and the grayscale version is **13.0330, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3563, 0.5239, 0.3617**, and **7.8925, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **17.5842, 0.6290, 0.3373**, and if you desaturate by 10%, it is **21.2855, 0.5701, 0.3460**.

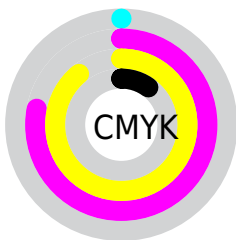
Distribution



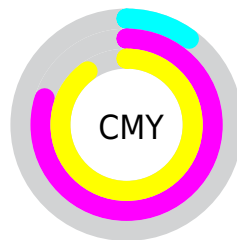
- Red (90%)
- Green (20%)
- Blue (10%)



- Red (90%)
- Yellow (21%)
- Blue (10%)



- Cyan (0%)
- Magenta (78%)
- Yellow (89%)
- Black (10%)





- Cyan (10%)
- Magenta (80%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0138, 0.6058, 0.3424 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 19.0138, 0.6058, 0.3424 by changing the saturation by 10% instead.


 19.0138, 0.6058,
0.3424


 19.0138, 0.6058,
0.3424


246.5249, 0.4485,
0.3565

 11.6802, 0.6418,
0.3291


 41.7574, 0.5494,
0.3545


 6.5263, 0.6904,
0.3096


 57.9363, 0.5276,
0.3568


 3.1677, 0.7306,
0.2694

 77.8324, 0.5092,
0.3579

 1.2199, 0.7878,
0.2122

 101.8301, 0.4934,
0.3583

 0.0779, 0.9626,
0.0374

 130.3138, 0.4798,
0.3582


 0.0000, 1.0000,
0.0000


 163.6679, 0.4680,


 0.0000, 0.0000,

0.3578

0.0000

 202.2768, 0.4576,
0.3572


 19.0138, 0.6058,
0.3424

 19.0138, 0.6058,
0.3424

 17.5842, 0.6290,
0.3373

 21.2855, 0.5701,
0.3460


 17.4441, 0.6315,
0.3368

 24.5042, 0.5269,
0.3473

 28.7607, 0.4822,
0.3466


 34.1344, 0.4405,
0.3444

 40.6967, 0.4040,
0.3415

 48.5131, 0.3733,
0.3381

 57.6444, 0.3480,
0.3348

 68.1473, 0.3274,
0.3316

 80.0751, 0.3106,
0.3286

Harmonies

Analogous

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



19.0138, 0.5463, 0.2642



19.0138, 0.6058, 0.3424



19.0138, 0.5548, 0.4351

Triad

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



19.0138, 0.6058, 0.3424



19.0138, 0.1956, 0.5562



19.0138, 0.1412, 0.1276

Complementary

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



19.0138, 0.6058, 0.3424



49.5531, 0.2171, 0.2954

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.



19.0138, 0.0969, 0.1412



19.0138, 0.6058, 0.3424



19.0138, 0.1144, 0.3446

Square

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



19.0138, 0.6058, 0.3424



19.0138, 0.3157, 0.6316



19.0138, 0.0871, 0.2009



19.0138, 0.2348, 0.1456

Rectangle

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



19.0138, 0.6058, 0.3424



19.0138, 0.4865, 0.5115



19.0138, 0.0871, 0.2009



19.0138, 0.1219, 0.1283

Sweetspot

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



19.0150, 0.6058, 0.3424



63.5208, 0.3693, 0.3376



21.8218, 0.3487, 0.1740



12.8050, 0.3789, 0.3388



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.



19.0150, 0.6058, 0.3424



22.1946, 0.6320, 0.3363



38.9299, 0.4914, 0.4388



14.6407, 0.3290, 0.3318



10.0636, 0.6298, 0.3381



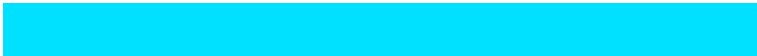
0.8346, 0.6085, 0.3550

Inverse Universe

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



49.5531, 0.2171, 0.2954



61.0061, 0.2141, 0.2906



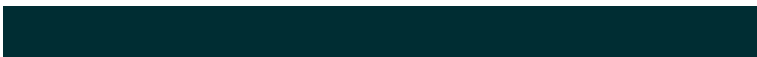
15.7459, 0.1751, 0.1414



16.0304, 0.2982, 0.3261



27.4897, 0.2143, 0.2914



2.1140, 0.2160, 0.2974

Previews

White Background



This preview shows how the Yxy color 19.0138, 0.6058, 0.3424 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 19.0138, 0.6058, 0.3424 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 19.0138, 0.6058, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 19.0138, 0.6058, 0.3424.



This preview shows how white text looks on a background with the Yxy color 19.0138, 0.6058, 0.3424.

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

19.0138, 0.6058, 0.3424

Protanopia

19.3277, 0.4182, 0.4605

Deuteranopia

19.0338, 0.4704, 0.4647



Tritanopia

18.9853, 0.5890, 0.3298

Trichromacy



Original Color

19.0138, 0.6058, 0.3424

Protanomaly

17.0454, 0.5014, 0.4052

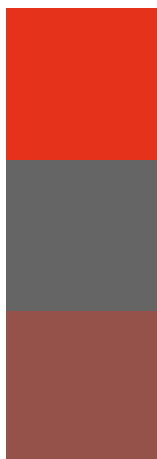
Deuteranomaly

17.3257, 0.5367, 0.4070

Tritanomaly

19.0078, 0.5960, 0.3353

Monochromacy



Original Color

19.0138, 0.6058, 0.3424

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

12.8249, 0.4405, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0138, 0.6058, 0.3424 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(229, 50, 26)` looks like.

```
.text, #text, p{  
  color:rgb(229, 50, 26)  
}
```

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(229, 50, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 50, 26) }
```

Border

The CSS property to change the border of an element to Yxy 19.0138, 0.6058, 0.3424 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(229, 50, 26) }
```

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

```
.border{ border-color:rgb(229, 50, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 50, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 50, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 50, 26);  
box-shadow:4px 4px 4px 4px rgb(229, 50,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0138, 0.6058, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 50, 26) }
```

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

```
.background{ background-color: rgb(229, 50,  
26) }
```

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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