

Converting Colors

$Y_{xy}(19.0858, 0.5810, 0.3535)$

Have a look what the booklet for
Yxy(19.0858, 0.5810, 0.3535)
contains.

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Color

Yxy(19.1899, 0.5808, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	DB4322
RGB	219, 67, 34
RGB Percent	86%, 26%, 13%
CMY	0.1411, 0.7373, 0.8668
CMYK	0.00, 0.69, 0.84, 0.14
HSL	11°, 73%, 50%
HSV	11°, 84%, 86%
XYZ	31.5112, 19.1899, 3.5537
YIQ	108.6860, 101.1850, 21.9610

Conversions

Conversions Part 2

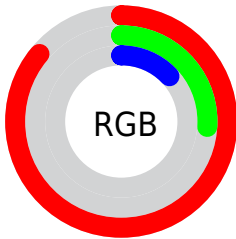
Format	Color
RYB	219, 74, 34
Decimal	14369570
CIELab	50.91, 57.66, 51.44
CIElCh	51, 77.271, 41.742
Yxy	19.1899, 0.5808, 0.3537
Android (android.graphics.Color)	4292559650 (0xFFDB4322)
YUV	108.6860, -36.8202, 96.7454
Hunter-Lab	43.8063, 51.7393, 25.8546

Details

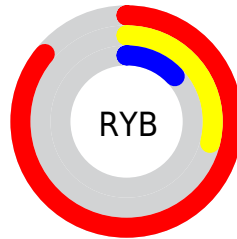
The Yxy color **19.1899, 0.5808, 0.3537** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **40.5609, 0.2141, 0.2802**, and the grayscale version is **15.2832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.0505, 0.5067, 0.3662**, and **6.9686, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **17.2856, 0.6107, 0.3474**, and if you desaturate by 10%, it is **21.8412, 0.5420, 0.3568**.

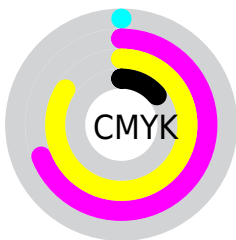
Distribution



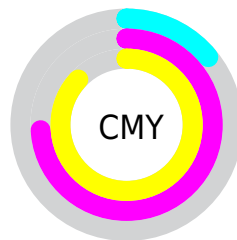
- Red (86%)
- Green (26%)
- Blue (13%)



- Red (86%)
- Yellow (29%)
- Blue (13%)



- Cyan (0%)
- Magenta (69%)
- Yellow (84%)
- Black (14%)





- Cyan (14%)
- Magenta (74%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1899, 0.5808, 0.3537 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 19.1899, 0.5808, 0.3537 by changing the saturation by 10% instead.


 19.1899, 0.5808,
0.3537


 19.1899, 0.5808,
0.3537


247.4951, 0.4349,
0.3580


 11.8076, 0.6158,
0.3439


 42.0547, 0.5275,
0.3612


 6.6128, 0.6643,
0.3293


 58.3060, 0.5072,
0.3621


 3.2211, 0.7062,
0.2938

 78.2825, 0.4902,
0.3621

 1.2482, 0.7613,
0.2387

 102.3684, 0.4757,
0.3616

 0.1006, 0.9439,
0.0561

 130.9482, 0.4633,
0.3609

 0.0000, 1.0000,
0.0000

 164.4064, 0.4525,

 0.0000, 0.0000,

0.3600

0.0000

203.1272, 0.4432,
0.3590

19.1899, 0.5808,
0.3537

19.1899, 0.5808,
0.3537

17.2856, 0.6107,
0.3474

21.8412, 0.5420,
0.3568


16.5191, 0.6229,
0.3436

25.3050, 0.4996,
0.3568


29.6432, 0.4583,
0.3544


34.9105, 0.4208,
0.3504

41.1574, 0.3884,
0.3456

 48.4302, 0.3612,
0.3406

 56.7726, 0.3386,
0.3356

 66.2258, 0.3200,
0.3310

 76.8284, 0.3046,
0.3267

Harmonies

Analogous

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



19.1899, 0.5291, 0.2768



19.1899, 0.5808, 0.3537



19.1899, 0.5349, 0.4419

Triad

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



19.1899, 0.5808, 0.3537



19.1899, 0.2040, 0.5179



19.1899, 0.1579, 0.1417

Complementary

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



19.1899, 0.5808, 0.3537



40.5609, 0.2141, 0.2802

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.



19.1899, 0.1124, 0.1539



19.1899, 0.5808, 0.3537



19.1899, 0.1281, 0.3357

Square

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



19.1899, 0.5808, 0.3537



19.1899, 0.3169, 0.6012



19.1899, 0.1019, 0.2093



19.1899, 0.2497, 0.1606

Rectangle

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



19.1899, 0.5808, 0.3537



19.1899, 0.4718, 0.5087



19.1899, 0.1019, 0.2093



19.1899, 0.1383, 0.1420

Sweetspot

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



19.1910, 0.5808, 0.3537



67.5705, 0.3630, 0.3409



19.8416, 0.3594, 0.1834



13.6561, 0.3722, 0.3427



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.



19.1910, 0.5808, 0.3537



23.1771, 0.6240, 0.3427



39.4017, 0.4732, 0.4480



13.4255, 0.3287, 0.3332



9.9076, 0.6208, 0.3453



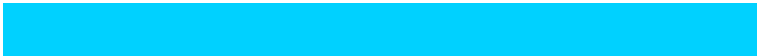
0.7564, 0.5909, 0.3690

Inverse Universe

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



40.5609, 0.2141, 0.2802



53.0543, 0.2083, 0.2697



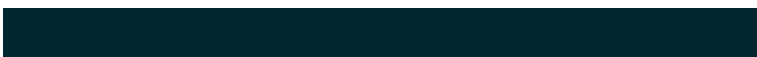
13.7556, 0.1758, 0.1374



14.4135, 0.2982, 0.3247



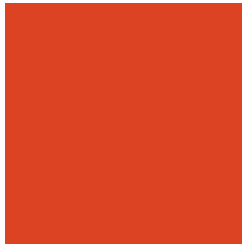
22.5107, 0.2087, 0.2712



1.5639, 0.2116, 0.2816

Previews

White Background



This preview shows how the Yxy color 19.1899, 0.5808, 0.3537 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 19.1899, 0.5808, 0.3537 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 19.1899, 0.5808, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 19.1899, 0.5808, 0.3537.



This preview shows how white text looks on a background with the Yxy color 19.1899, 0.5808, 0.3537.

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

19.1899, 0.5808, 0.3537

Protanopia

19.3667, 0.4141, 0.4544

Deuteranopia

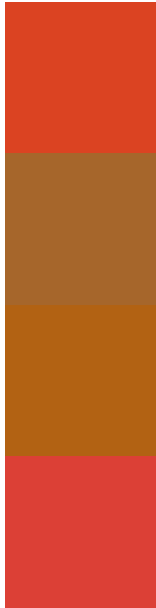
19.3850, 0.4670, 0.4611



Tritanopia

19.1640, 0.5509, 0.3271

Trichromacy



Original Color

19.1899, 0.5808, 0.3537

Protanomaly

17.7842, 0.4828, 0.4106

Deuteranomaly

18.2474, 0.5189, 0.4145

Tritanomaly

19.1488, 0.5650, 0.3379

Monochromacy



Original Color

19.1899, 0.5808, 0.3537

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

15.0042, 0.4181, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1899, 0.5808, 0.3537 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(219, 67, 34)` looks like.

```
.text, #text, p{  
    color:rgb(219, 67, 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(219, 67, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 67, 34) }
```

Border

The CSS property to change the border of an element to Yxy 19.1899, 0.5808, 0.3537 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(219, 67, 34) }
```

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

```
.border{ border-color:rgb(219, 67, 34) }
```

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

Here you see how a box with a 4 pixel rgb(219, 67, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 67, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 67, 34);  
box-shadow:4px 4px 4px 4px rgb(219, 67,  
34) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1899, 0.5808, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 67, 34) }
```

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

```
.background{ background-color: rgb(219, 67,  
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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