

Converting Colors

$Y_{xy}(19.2495, 0.5797, 0.3574)$

Have a look what the booklet for
Yxy(19.2495, 0.5797, 0.3574)
contains.

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Color

Yxy(19.2606, 0.5803, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	DA451F
RGB	218, 69, 31
RGB Percent	85%, 27%, 12%
CMY	0.1451, 0.7294, 0.8781
CMYK	0.00, 0.68, 0.86, 0.15
HSL	12°, 75%, 49%
HSV	12°, 86%, 85%
XYZ	31.2904, 19.2606, 3.3701
YIQ	109.2190, 101.0020, 19.7700

Conversions

Conversions Part 2

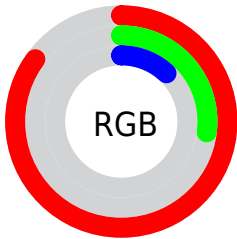
Format	Color
R_{YB}	218, 79, 31
Decimal	14304543
CIE _{Lab}	50.99, 56.49, 52.71
CIE _{LCh}	51, 77.261, 43.015
Yxy	19.2606, 0.5803, 0.3572
Android (android.graphics.Color)	4292494623 (0xFFDA451F)
YUV	109.2190, -38.5620, 95.4009
Hunter-Lab	43.8869, 50.4645, 26.1680

Details

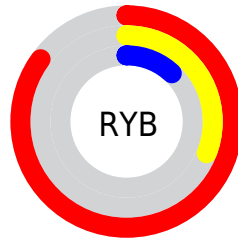
The Yxy color **19.2606, 0.5803, 0.3572** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **38.0281, 0.2116, 0.2722**, and the grayscale version is **15.4515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.5064, 0.5077, 0.3705**, and **6.9686, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **17.3488, 0.6090, 0.3501**, and if you desaturate by 10%, it is **21.8782, 0.5428, 0.3608**.

Distribution



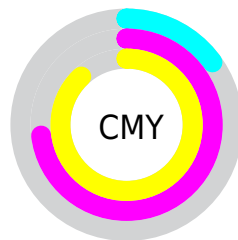
- Red (85%)
- Green (27%)
- Blue (12%)



- Red (85%)
- Yellow (31%)
- Blue (12%)



- Cyan (0%)
- Magenta (68%)
- Yellow (86%)
- Black (15%)




- Cyan (15%)
- Magenta (73%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.2606, 0.5803, 0.3572 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 19.2606, 0.5803, 0.3572 by changing the saturation by 10% instead.


 19.2606, 0.5803,
0.3572


 19.2606, 0.5803,
0.3572


247.8837, 0.4353,
0.3600


 11.8587, 0.6147,
0.3476


 42.1740, 0.5275,
0.3643

 6.6476, 0.6637,
0.3338


 58.4543, 0.5074,
0.3650

 3.2427, 0.7025,
0.2975

 78.4629, 0.4904,
0.3648

 1.2597, 0.7571,
0.2429

 102.5841, 0.4760,
0.3642

 0.1097, 0.9380,
0.0620

 131.2024, 0.4636,
0.3633

 0.0000, 1.0000,
0.0000

 164.7022, 0.4529,


 0.0000, 0.0000,


0.3622

0.0000

 203.4678, 0.4435,
0.3611

 19.2606, 0.5803,
0.3572


 19.2606, 0.5803,
0.3572

 17.3488, 0.6090,
0.3501


 21.8782, 0.5428,
0.3608


 16.7244, 0.6187,
0.3469


 25.2612, 0.5015,
0.3610


 29.4666, 0.4609,
0.3583

 34.5445, 0.4237,
0.3539

 40.5412, 0.3913,
0.3485

 47.4993, 0.3639,
0.3428

 55.4591, 0.3410,
0.3372

 64.4583, 0.3221,
0.3319

 74.5328, 0.3064,
0.3270

Harmonies

Analogous

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



19.2606, 0.5332, 0.2800



19.2606, 0.5803, 0.3572



19.2606, 0.5313, 0.4460

Triad

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



19.2606, 0.5803, 0.3572



19.2606, 0.1999, 0.5105



19.2606, 0.1609, 0.1421

Complementary

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



19.2606, 0.5803, 0.3572



38.0281, 0.2116, 0.2722

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.



19.2606, 0.1138, 0.1528



19.2606, 0.5803, 0.3572



19.2606, 0.1262, 0.3286

Square

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



19.2606, 0.5803, 0.3572



19.2606, 0.3120, 0.6008



19.2606, 0.1018, 0.2059



19.2606, 0.2549, 0.1622

Rectangle

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



19.2606, 0.5803, 0.3572



19.2606, 0.4671, 0.5128



19.2606, 0.1018, 0.2059



19.2606, 0.1407, 0.1420

Sweetspot

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



19.2617, 0.5803, 0.3572



67.2334, 0.3651, 0.3431



19.2103, 0.3691, 0.1881



13.6194, 0.3742, 0.3451



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.



19.2617, 0.5803, 0.3572



23.6926, 0.6199, 0.3460



40.8193, 0.4682, 0.4543



13.4773, 0.3287, 0.3338



10.1427, 0.6164, 0.3487



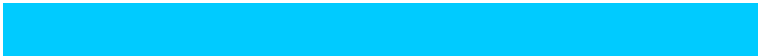
0.7807, 0.5853, 0.3735

Inverse Universe

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



38.0281, 0.2116, 0.2722



50.0560, 0.2059, 0.2611



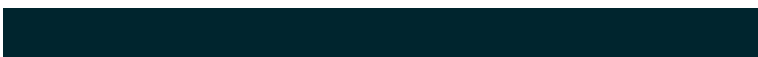
12.1961, 0.1722, 0.1262



14.3574, 0.2982, 0.3241



21.2724, 0.2063, 0.2628



1.4941, 0.2097, 0.2748

Previews

White Background



This preview shows how the Yxy color 19.2606, 0.5803, 0.3572 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 19.2606, 0.5803, 0.3572 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 19.2606, 0.5803, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 19.2606, 0.5803, 0.3572.



This preview shows how white text looks on a background with the Yxy color 19.2606, 0.5803, 0.3572.

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

19.2606, 0.5803, 0.3572

Protanopia

19.3352, 0.4174, 0.4594

Deuteranopia

19.3608, 0.4700, 0.4650



Tritanopia

19.2580, 0.5458, 0.3270

Trichromacy



Original Color

19.2606, 0.5803, 0.3572

Protanomaly

17.9540, 0.4850, 0.4158

Deuteranomaly

18.2950, 0.5195, 0.4196

Tritanomaly

19.2323, 0.5614, 0.3390

Monochromacy



Original Color

19.2606, 0.5803, 0.3572

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.9890, 0.4197, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2606, 0.5803, 0.3572 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(218, 69, 31)` looks like.

```
.text, #text, p{  
    color:rgb(218, 69, 31)  
}
```

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(218, 69, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 69, 31) }
```

Border

The CSS property to change the border of an element to Yxy 19.2606, 0.5803, 0.3572 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(218, 69, 31) }
```

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

```
.border{ border-color:rgb(218, 69, 31) }
```

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

Here you see how a box with a 4 pixel rgb(218, 69, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 69, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 69, 31);  
box-shadow:4px 4px 4px 4px rgb(218, 69,  
31) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2606, 0.5803, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 69, 31) }
```

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

```
.background{ background-color: rgb(218, 69,  
31) }
```

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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