

Converting Colors

$Y_{xy}(19.2686, 0.5532, 0.3814)$

Have a look what the booklet for
Yxy(19.2686, 0.5532, 0.3814)
contains.

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Color

Yxy(19.2913, 0.5525, 0.3823)

Conversions

Conversions Part 1

Format	Color
Hex	CA561B
RGB	202, 86, 27
RGB Percent	79%, 34%, 11%
CMY	0.2079, 0.6627, 0.8942
CMYK	0.00, 0.57, 0.87, 0.21
HSL	20°, 76%, 45%
HSV	20°, 87%, 79%
XYZ	27.8798, 19.2913, 3.2901
YIQ	113.9580, 88.0750, 6.2430

Conversions

Conversions Part 2

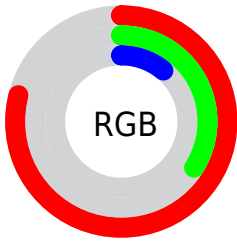
Format	Color
R_{YB}	202, 116, 27
Decimal	13260315
CIE _{Lab}	51.03, 43.31, 53.27
CIE _{LCh}	51, 68.653, 50.888
Yxy	19.2913, 0.5525, 0.3823
Android (android.graphics.Color)	4291450395 (0xFFCA561B)
YUV	113.9580, -42.8703, 77.2128
Hunter-Lab	43.9219, 36.4412, 26.3041

Details

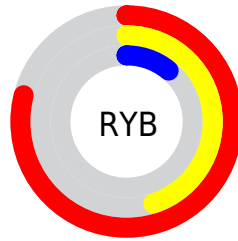
The Yxy color **19.2913, 0.5525, 0.3823** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **24.1264, 0.2003, 0.2309**, and the grayscale version is **16.9268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2753, 0.4968, 0.3859**, and **6.7504, 0.6076, 0.3558** is the 20% darker color. If you saturate the color by 10%, you get **17.2867, 0.5795, 0.3745**, and if you desaturate by 10%, it is **21.7618, 0.5199, 0.3852**.

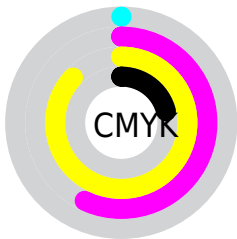
Distribution



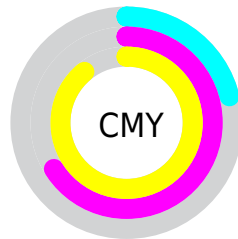
- Red (79%)
- Green (34%)
- Blue (11%)



- Red (79%)
- Yellow (45%)
- Blue (11%)



- Cyan (0%)
- Magenta (57%)
- Yellow (87%)
- Black (21%)




- Cyan (21%)
- Magenta (66%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2913, 0.5525, 0.3823 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 19.2913, 0.5525, 0.3823 by changing the saturation by 10% instead.


 19.2913, 0.5525,
0.3823


 19.2913, 0.5525,
0.3823


248.0522, 0.4226,
0.3691


 11.8810, 0.5833,
0.3772


 42.2258, 0.5052,
0.3830

 6.6627, 0.6290,
0.3702


 58.5186, 0.4872,
0.3814

 3.2520, 0.6614,
0.3386

 78.5412, 0.4720,
0.3794

 1.2647, 0.7104,
0.2896

 102.6777, 0.4590,
0.3772

 0.1136, 0.9141,
0.0859

 131.3127, 0.4479,
0.3751

 0.0000, 1.0000,
0.0000


 164.8305, 0.4383,


 0.0000, 0.0000,

0.3730


0.0000


 203.6156, 0.4300,
0.3710

 19.2913, 0.5525,
0.3823


 19.2913, 0.5525,
0.3823


 17.2867, 0.5795,
0.3745

 21.7618, 0.5199,
0.3852

 16.7055, 0.5878,
0.3715

 24.7277, 0.4848,
0.3835

 28.2185, 0.4500,
0.3782

 32.2601, 0.4177,
0.3706

 36.8765, 0.3887,
0.3617

■ 42.0903, 0.3635,
0.3524

■ 47.9225, 0.3418,
0.3433

■ 54.3934, 0.3234,
0.3345

■ 61.5221, 0.3077,
0.3263

Harmonies

Analogous

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



19.2913, 0.5308, 0.3060



19.2913, 0.5525, 0.3823



19.2913, 0.4965, 0.4676

Triad

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



19.2913, 0.5525, 0.3823



19.2913, 0.1906, 0.4473



19.2913, 0.1923, 0.1585

Complementary

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



19.2913, 0.5525, 0.3823



24.1264, 0.2003, 0.2309

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.



19.2913, 0.1367, 0.1614



19.2913, 0.5525, 0.3823



19.2913, 0.1322, 0.2954

Square

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



19.2913, 0.5525, 0.3823



19.2913, 0.2894, 0.5612



19.2913, 0.1173, 0.2008



19.2913, 0.2920, 0.1849

Rectangle

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



19.2913, 0.5525, 0.3823



19.2913, 0.4343, 0.5244



19.2913, 0.1173, 0.2008



19.2913, 0.1692, 0.1561

Sweetspot

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



19.2924, 0.5525, 0.3823



71.5423, 0.3628, 0.3522



15.3407, 0.4091, 0.2109



14.6221, 0.3712, 0.3554



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.



19.2924, 0.5525, 0.3823



27.9191, 0.5901, 0.3697



42.4512, 0.4431, 0.4767



11.8219, 0.3282, 0.3369



10.9001, 0.5853, 0.3735



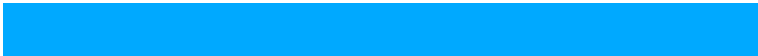
0.7022, 0.5471, 0.4038

Inverse Universe

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



24.1264, 0.2003, 0.2309



35.5877, 0.1923, 0.2123



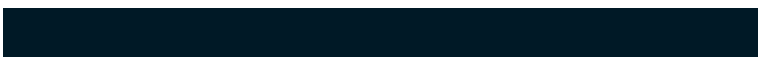
7.3395, 0.1638, 0.0959



12.0647, 0.2983, 0.3210



13.8604, 0.1933, 0.2157



0.8517, 0.2001, 0.2404

Previews

White Background



This preview shows how the Yxy color 19.2913, 0.5525, 0.3823 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 19.2913, 0.5525, 0.3823 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 19.2913, 0.5525, 0.3823

Background



This preview shows how black text looks on a background with the Yxy color 19.2913, 0.5525, 0.3823.



This preview shows how white text looks on a background with the Yxy color 19.2913, 0.5525, 0.3823.

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

19.2913, 0.5525, 0.3823

Protanopia

19.3648, 0.4246, 0.4673

Deuteranopia

19.3608, 0.4700, 0.4650



Tritanopia

19.2466, 0.4936, 0.3226

Trichromacy



Original Color

19.2913, 0.5525, 0.3823

Protanomaly

18.6242, 0.4751, 0.4329

Deuteranomaly

18.7830, 0.5041, 0.4324

Tritanomaly

19.1128, 0.5210, 0.3482

Monochromacy



Original Color

19.2913, 0.5525, 0.3823

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.6208, 0.4057, 0.3679

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2913, 0.5525, 0.3823 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(202, 86, 27)` looks like.

```
.text, #text, p{  
    color:rgb(202, 86, 27)  
}
```

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(202, 86, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 86, 27) }
```

Border

The CSS property to change the border of an element to Yxy 19.2913, 0.5525, 0.3823 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(202, 86, 27) }
```

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

```
.border{ border-color:rgb(202, 86, 27) }
```

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

Here you see how a box with a 4 pixel rgb(202, 86, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 86, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 86, 27);  
box-shadow:4px 4px 4px 4px rgb(202, 86,  
27) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2913, 0.5525, 0.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 86, 27) }
```

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

```
.background{ background-color: rgb(202, 86,  
27) }
```

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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