

Converting Colors

$Yxy(18.9809, 0.5395, 0.4088)$

Have a look what the booklet for
Yxy(18.9809, 0.5395, 0.4088)
contains.

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Color

Yxy(19.0076, 0.5395, 0.4088)

Conversions

Conversions Part 1

Format	Color
Hex	BD5F02
RGB	189, 95, 2
RGB Percent	74%, 37%, 1%
CMY	0.2589, 0.6274, 0.9922
CMYK	0.00, 0.50, 0.99, 0.26
HSL	30°, 98%, 37%
HSV	30°, 99%, 74%
XYZ	25.0846, 19.0076, 2.4038
YIQ	112.5040, 85.8770, -8.9950

Conversions

Conversions Part 2

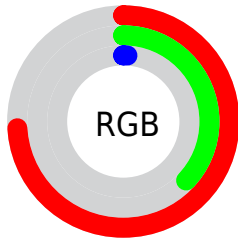
Format	Color
RYB	189, 187, 2
Decimal	12410626
CIELab	50.70, 33.24, 58.89
CIELCh	51, 67.619, 60.559
Yxy	19.0076, 0.5395, 0.4088
Android (android.graphics.Color)	4290600706 (0xFFBD5F02)
YUV	112.5040, -54.4785, 67.0870
Hunter-Lab	43.5977, 26.4068, 27.2493

Details

The Yxy color **19.0076, 0.5395, 0.4088** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **12.0412, 0.1781, 0.1602**, and the grayscale version is **16.5057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.7355, 0.4967, 0.4055**, and **6.5432, 0.5756, 0.3812** is the 20% darker color. If you saturate the color by 10%, you get **18.8248, 0.5417, 0.4081**, and if you desaturate by 10%, it is **20.8747, 0.5187, 0.4146**.

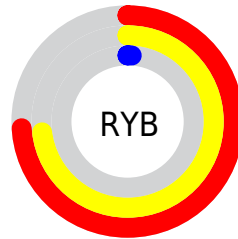
Distribution



Red (74%)

Green (37%)

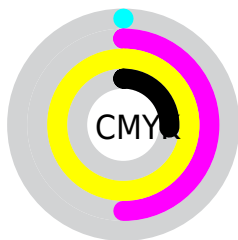
Blue (1%)



Red (74%)

Yellow (73%)

Blue (1%)

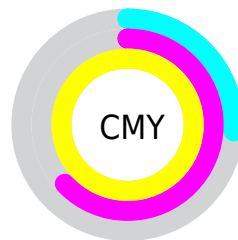


Cyan (0%)

Magenta (50%)

Yellow (99%)

Black (26%)



Cyan (26%)

Magenta (63%)

Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0076, 0.5395, 0.4088 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 19.0076, 0.5395, 0.4088 by changing the saturation by 10% instead.


 19.0076, 0.5395,
0.4088


 19.0076, 0.5395,
0.4088

246.4907, 0.4192,
0.3819


 11.6758, 0.5662,
0.4063


 41.7469, 0.4970,
0.4049


 6.5233, 0.6005,
0.3995


 57.9232, 0.4803,
0.4014


 3.1658, 0.6275,
0.3725

 77.8165, 0.4661,
0.3978

 1.2189, 0.6705,
0.3295

 101.8111, 0.4539,
0.3942

 0.0771, 0.9199,
0.0801

 130.2914, 0.4434,
0.3908

 0.0000, 0.0000,
0.0000


 163.6418, 0.4343,

0.3876

 202.2468, 0.4263,
0.3846

 19.0076, 0.5395,
0.4088


 19.0076, 0.5395,
0.4088


 18.8248, 0.5417,
0.4081

 20.8747, 0.5187,
0.4146

 23.0052, 0.4945,
0.4155

 25.4207, 0.4677,
0.4113

 28.1360, 0.4402,
0.4031

 31.1640, 0.4134,
0.3920

■ 34.5169, 0.3883,
0.3794

■ 38.2058, 0.3654,
0.3661

■ 42.2414, 0.3450,
0.3528

■ 46.6336, 0.3269,
0.3399

Harmonies

Analogous

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



19.0076, 0.5459, 0.3303



19.0076, 0.5395, 0.4088



19.0076, 0.4673, 0.4950

Triad

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



19.0076, 0.5395, 0.4088



19.0076, 0.1679, 0.3948



19.0076, 0.2203, 0.1651

Complementary

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



19.0076, 0.5395, 0.4088



12.0412, 0.1781, 0.1602

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.



19.0076, 0.1515, 0.1583



19.0076, 0.5395, 0.4088



19.0076, 0.1246, 0.2585

Square

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



19.0076, 0.5395, 0.4088



19.0076, 0.2557, 0.5350



19.0076, 0.1213, 0.1844



19.0076, 0.3328, 0.2002

Rectangle

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



19.0076, 0.5395, 0.4088



19.0076, 0.4004, 0.5456



19.0076, 0.1213, 0.1844



19.0076, 0.1925, 0.1596

Sweetspot

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



19.0086, 0.5395, 0.4088



67.3933, 0.3688, 0.3682



11.7520, 0.4867, 0.2462



13.8860, 0.3783, 0.3738



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.0086, 0.5395, 0.4088



33.2462, 0.5440, 0.4062



45.8775, 0.4220, 0.5026



10.2993, 0.3276, 0.3404



12.8225, 0.5397, 0.4097



0.6332, 0.5035, 0.4384

Inverse Universe

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



12.0412, 0.1781, 0.1602



20.7466, 0.1766, 0.1557



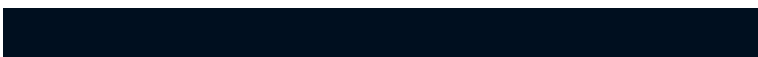
3.7968, 0.1508, 0.0618



9.9961, 0.2984, 0.3173



8.1275, 0.1779, 0.1606



0.4492, 0.1900, 0.2041

Previews

White Background



This preview shows how the Yxy color 19.0076, 0.5395, 0.4088 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 19.0076, 0.5395, 0.4088 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 19.0076, 0.5395, 0.4088

Background



This preview shows how black text looks on a background with the Yxy color 19.0076, 0.5395, 0.4088.



This preview shows how white text looks on a background with the Yxy color 19.0076, 0.5395, 0.4088.

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

19.0076, 0.5395, 0.4088

Protanopia

19.2779, 0.4345, 0.4821

Deuteranopia

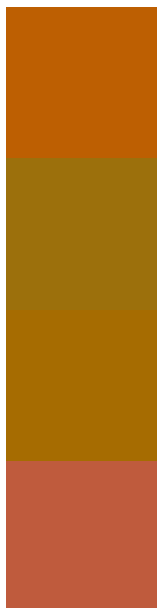
19.0338, 0.4704, 0.4647



Tritanopia

18.9941, 0.4614, 0.3216

Trichromacy



Original Color

19.0076, 0.5395, 0.4088

Protanomaly

18.6828, 0.4753, 0.4537

Deuteranomaly

18.8343, 0.4966, 0.4434

Tritanomaly

18.8955, 0.5047, 0.3658

Monochromacy



Original Color

19.0076, 0.5395, 0.4088

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.4518, 0.4094, 0.3884

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0076, 0.5395, 0.4088 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(189, 95, 2)` looks like.

```
.text, #text, p{  
    color:rgb(189, 95, 2)  
}
```

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(189, 95, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 95, 2) }
```

Border

The CSS property to change the border of an element to Yxy 19.0076, 0.5395, 0.4088 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(189, 95, 2) }
```

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

```
.border{ border-color:rgb(189, 95, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 95, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 95, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 95, 2);  
box-shadow:4px 4px 4px 4px rgb(189, 95, 2)  
}
```


Background

The CSS property to change the background color of an element to Yxy 19.0076, 0.5395, 0.4088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 95, 2) }
```

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

```
.background{ background-color: rgb(189, 95,  
2) }
```

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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