

Converting Colors

$Y_{xy}(19.5589, 0.5354, 0.4092)$

Have a look what the booklet for
Yxy(19.5589, 0.5354, 0.4092)
contains.

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Color

Yxy(19.5141, 0.5355, 0.4090)

Conversions

Conversions Part 1

Format	Color
Hex	BE6108
RGB	190, 97, 8
RGB Percent	75%, 38%, 3%
CMY	0.2550, 0.6195, 0.9688
CMYK	0.00, 0.49, 0.96, 0.25
HSL	29°, 92%, 39%
HSV	29°, 96%, 75%
XYZ	25.5496, 19.5141, 2.6480
YIQ	114.6610, 83.9970, -7.9630

Conversions

Conversions Part 2

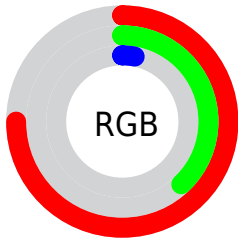
Format	Color
R_{YB}	190, 182, 8
Decimal	12476680
CIE _{Lab}	51.28, 32.68, 58.06
CIE _{LCh}	51, 66.624, 60.630
Yxy	19.5141, 0.5355, 0.4090
Android (android.graphics.Color)	4290666760 (0xFFBE6108)
YUV	114.6610, -52.5839, 66.0723
Hunter-Lab	44.1748, 25.9343, 27.3683

Details

The Yxy color **19.5141, 0.5355, 0.4090** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **13.0565, 0.1809, 0.1683**, and the grayscale version is **17.1793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5956, 0.4929, 0.4045**, and **6.8597, 0.5732, 0.3831** is the 20% darker color. If you saturate the color by 10%, you get **18.7668, 0.5441, 0.4062**, and if you desaturate by 10%, it is **21.4810, 0.5135, 0.4138**.

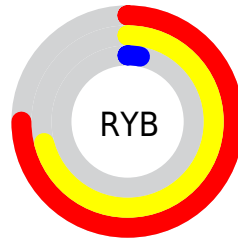
Distribution



Red (75%)

Green (38%)

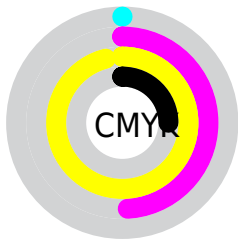
Blue (3%)



Red (75%)

Yellow (71%)

Blue (3%)

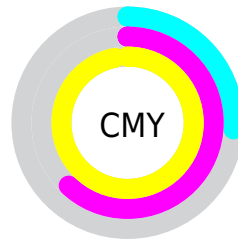


Cyan (0%)

Magenta (49%)

Yellow (96%)

Black (25%)



Cyan (26%)


Magenta (62%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5141, 0.5355, 0.4090 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 19.5141, 0.5355, 0.4090 by changing the saturation by 10% instead.


 19.5141, 0.5355,
0.4090


 19.5141, 0.5355,
0.4090


249.2724, 0.4173,
0.3812


 12.0423, 0.5618,
0.4071


 42.6010, 0.4935,
0.4044


 6.7725, 0.5976,
0.4024


 58.9850, 0.4772,
0.4008


 3.3202, 0.6235,
0.3765

 79.1084, 0.4632,
0.3971

 1.3011, 0.6648,
0.3352

 103.3558, 0.4513,
0.3935


 0.1421, 0.8682,
0.1318


 132.1115, 0.4410,
0.3901


 0.0000, 0.0000,
0.0000

 165.7599, 0.4321,


0.3869

 204.6854, 0.4242,
0.3839


 19.5141, 0.5355,
0.4090


 19.5141, 0.5355,
0.4090


 18.7668, 0.5441,
0.4062

 21.4810, 0.5135,
0.4138

 23.7300, 0.4878,
0.4132

 26.2793, 0.4603,
0.4078

 29.1432, 0.4325,
0.3988

 32.3352, 0.4058,
0.3873

■ 35.8673, 0.3812,
0.3746

■ 39.7511, 0.3589,
0.3614

■ 43.9973, 0.3391,
0.3484

■ 48.6163, 0.3218,
0.3359

Harmonies

Analogous

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



19.5141, 0.5410, 0.3313



19.5141, 0.5355, 0.4090



19.5141, 0.4653, 0.4933

Triad

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



19.5141, 0.5355, 0.4090



19.5141, 0.1708, 0.3931



19.5141, 0.2224, 0.1679

Complementary

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



19.5141, 0.5355, 0.4090



13.0565, 0.1809, 0.1683

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.



19.5141, 0.1543, 0.1611



19.5141, 0.5355, 0.4090



19.5141, 0.1278, 0.2602

Square

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



19.5141, 0.5355, 0.4090



19.5141, 0.2573, 0.5291



19.5141, 0.1243, 0.1872



19.5141, 0.3329, 0.2026

Rectangle

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



19.5141, 0.5355, 0.4090



19.5141, 0.3998, 0.5418



19.5141, 0.1243, 0.1872



19.5141, 0.1950, 0.1624

Sweetspot

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



19.5152, 0.5355, 0.4090



69.4066, 0.3667, 0.3662



12.0761, 0.4796, 0.2443



14.5781, 0.3764, 0.3719



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



19.5152, 0.5355, 0.4090



33.5218, 0.5465, 0.4042



46.4790, 0.4213, 0.5016



10.2864, 0.3276, 0.3403



12.6382, 0.5421, 0.4078



0.6260, 0.5052, 0.4371

Inverse Universe

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



13.0565, 0.1809, 0.1683



21.7387, 0.1773, 0.1584



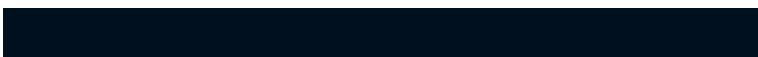
4.0069, 0.1522, 0.0641



10.0091, 0.2984, 0.3175



8.3177, 0.1787, 0.1633



0.4564, 0.1906, 0.2062

Previews

White Background



This preview shows how the Yxy color 19.5141, 0.5355, 0.4090 looks on a white background.

Color Contrast Check

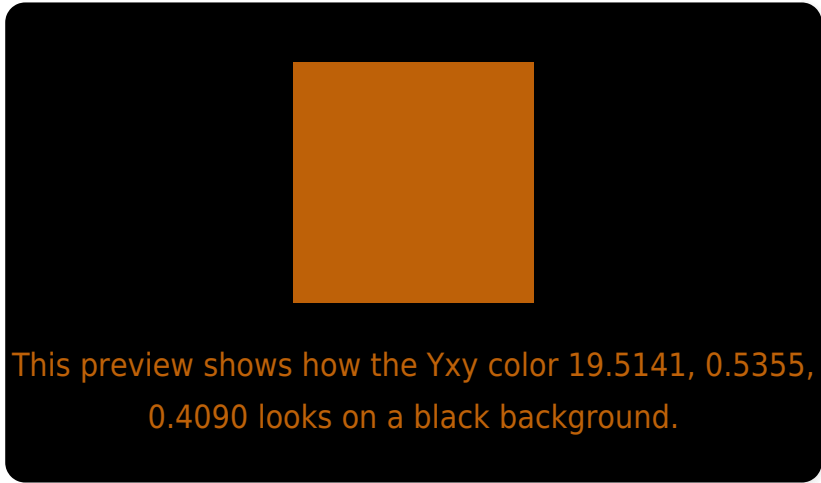
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 19.5141, 0.5355, 0.4090

Background



This preview shows how black text looks on a background with the Yxy color 19.5141, 0.5355, 0.4090.



This preview shows how white text looks on a background with the Yxy color 19.5141, 0.5355, 0.4090.

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

19.5141, 0.5355, 0.4090

Protanopia

19.6129, 0.4341, 0.4817

Deuteranopia

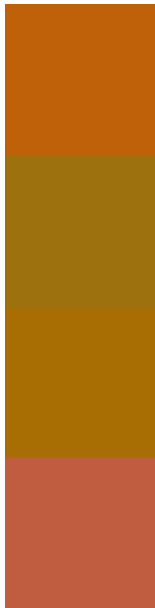
19.6911, 0.4697, 0.4653



Tritanopia

19.4943, 0.4579, 0.3216

Trichromacy



Original Color

19.5141, 0.5355, 0.4090

Protanomaly

19.2344, 0.4727, 0.4546

Deuteranomaly

19.4833, 0.4950, 0.4436

Tritanomaly

19.4053, 0.4998, 0.3649

Monochromacy



Original Color

19.5141, 0.5355, 0.4090

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.9977, 0.4051, 0.3863

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5141, 0.5355, 0.4090 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(190, 97, 8)` looks like.

```
.text, #text, p{  
    color:rgb(190, 97, 8)  
}
```

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(190, 97, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 97, 8) }
```

Border

The CSS property to change the border of an element to Yxy 19.5141, 0.5355, 0.4090 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(190, 97, 8) }
```

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

```
.border{ border-color:rgb(190, 97, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 97, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 97, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 97, 8);  
box-shadow:4px 4px 4px 4px rgb(190, 97, 8)  
}
```


Background

The CSS property to change the background color of an element to Yxy 19.5141, 0.5355, 0.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 97, 8) }
```

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

```
.background{ background-color: rgb(190, 97,  
8) }
```

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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