

Converting Colors

$Y_{xy}(18.0992, 0.5446, 0.3925)$

Have a look what the booklet for
Yxy(18.0992, 0.5446, 0.3925)
contains.

Yxy(18.1100, 0.5447, 0.3928)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(18.1100, 0.5447, 0.3928)

Conversions

Conversions Part 1

Format	Color
Hex	BF5815
RGB	191, 88, 21
RGB Percent	75%, 35%, 8%
CMY	0.2509, 0.6549, 0.9176
CMYK	0.00, 0.54, 0.89, 0.25
HSL	24°, 80%, 42%
HSV	24°, 89%, 75%
XYZ	25.1133, 18.1100, 2.8816
YIQ	111.1590, 82.8950, 0.9990

Conversions

Conversions Part 2

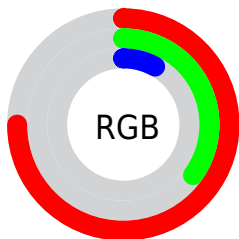
Format	Color
RYB	191, 132, 21
Decimal	12539925
CIELab	49.63, 37.96, 53.55
CIELCh	50, 65.641, 54.671
Yxy	18.1100, 0.5447, 0.3928
Android (android.graphics.Color)	4290730005 (0xFFBF5815)
YUV	111.1590, -44.4484, 70.0206
Hunter-Lab	42.5558, 30.8649, 25.7744

Details

The Yxy color **18.1100, 0.5447, 0.3928** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **18.3420, 0.1941, 0.2103**, and the grayscale version is **16.0590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3080, 0.4989, 0.3908**, and **6.1321, 0.5930, 0.3673** is the 20% darker color. If you saturate the color by 10%, you get **16.3094, 0.5693, 0.3851**, and if you desaturate by 10%, it is **20.2641, 0.5155, 0.3959**.

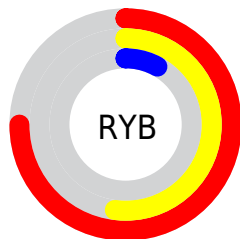
Distribution



Red (75%)

Green (35%)

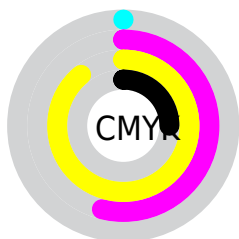
Blue (8%)



Red (75%)

Yellow (52%)

Blue (8%)

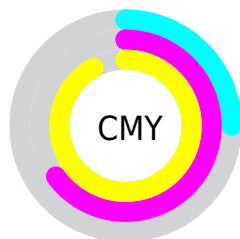


Cyan (0%)

Magenta (54%)

Yellow (89%)

Black (25%)



Cyan (25%)


Magenta (65%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.1100, 0.5447, 0.3928 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 18.1100, 0.5447, 0.3928 by changing the saturation by 10% instead.


 18.1100, 0.5447,
0.3928


 18.1100, 0.5447,
0.3928


241.4903, 0.4184,
0.3732


 11.0290, 0.5745,
0.3890


 40.2247, 0.4987,
0.3911


 6.0863, 0.6174,
0.3826

 56.0271, 0.4811,
0.3886

 2.8977, 0.6484,
0.3516

 75.5055, 0.4663,
0.3859

 1.0785, 0.6975,
0.3025

 99.0442, 0.4538,
0.3831

 0.0000, 1.0000,
0.0000


 127.0277, 0.4430,
0.3804


 0.0000, 0.0000,
0.0000

 159.8403, 0.4337,

0.3778


 197.8663, 0.4255,
0.3754


 18.1100, 0.5447,
0.3928

 18.1100, 0.5447,
0.3928


 16.3094, 0.5693,
0.3851


 20.2641, 0.5155,
0.3959

 16.1466, 0.5717,
0.3843

 22.7965, 0.4836,
0.3939

 25.7289, 0.4513,
0.3880

 29.0803, 0.4206,
0.3795

 32.8680, 0.3926,
0.3694

■ 37.1085, 0.3677,
0.3587

■ 41.8172, 0.3460,
0.3480

■ 47.0085, 0.3273,
0.3377

■ 52.6965, 0.3112,
0.3281

Harmonies

Analogous

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



18.1100, 0.5338, 0.3163



18.1100, 0.5447, 0.3928



18.1100, 0.4836, 0.4773

Triad

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



18.1100, 0.5447, 0.3928



18.1100, 0.1836, 0.4247



18.1100, 0.2045, 0.1631

Complementary

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



18.1100, 0.5447, 0.3928



18.3420, 0.1941, 0.2103

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.



18.1100, 0.1444, 0.1622



18.1100, 0.5447, 0.3928



18.1100, 0.1314, 0.2814

Square

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



18.1100, 0.5447, 0.3928



18.1100, 0.2773, 0.5477



18.1100, 0.1210, 0.1961



18.1100, 0.3079, 0.1926

Rectangle

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



18.1100, 0.5447, 0.3928



18.1100, 0.4206, 0.5306



18.1100, 0.1210, 0.1961



18.1100, 0.1799, 0.1595

Sweetspot

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



18.1110, 0.5447, 0.3928



67.7248, 0.3641, 0.3570



13.1167, 0.4288, 0.2204



14.2650, 0.3721, 0.3607



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.



18.1110, 0.5447, 0.3928



28.4742, 0.5744, 0.3821



40.3251, 0.4357, 0.4851



10.1366, 0.3279, 0.3381



10.7572, 0.5693, 0.3862



0.5495, 0.5252, 0.4212

Inverse Universe

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



18.3420, 0.1941, 0.2103



28.5118, 0.1867, 0.1919



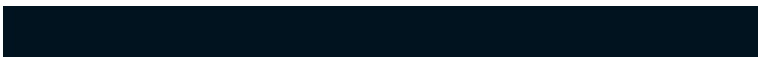
5.4964, 0.1596, 0.0835



10.1612, 0.2984, 0.3197



10.8014, 0.1878, 0.1961



0.5472, 0.1976, 0.2314

Previews

White Background



This preview shows how the Yxy color 18.1100, 0.5447, 0.3928 looks on a white 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

Black Background



This preview shows how the Yxy color 18.1100, 0.5447, 0.3928 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 18.1100, 0.5447, 0.3928

Background



This preview shows how black text looks on a background with the Yxy color 18.1100, 0.5447, 0.3928.



This preview shows how white text looks on a background with the Yxy color 18.1100, 0.5447, 0.3928.

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

18.1100, 0.5447, 0.3928

Protanopia

18.2689, 0.4275, 0.4735

Deuteranopia

18.2943, 0.4699, 0.4651



Tritanopia

18.0766, 0.4767, 0.3219

Trichromacy



Original Color

18.1100, 0.5447, 0.3928

Protanomaly

17.6697, 0.4726, 0.4424

Deuteranomaly

17.9175, 0.4998, 0.4366

Tritanomaly

17.9173, 0.5096, 0.3534

Monochromacy



Original Color

18.1100, 0.5447, 0.3928

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.8260, 0.4035, 0.3747

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1100, 0.5447, 0.3928 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(191, 88, 21)` looks like.

```
.text, #text, p{  
    color:rgb(191, 88, 21)  
}
```

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(191, 88, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 88, 21) }
```

Border

The CSS property to change the border of an element to Yxy 18.1100, 0.5447, 0.3928 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(191, 88, 21) }
```

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

```
.border{ border-color:rgb(191, 88, 21) }
```

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

Here you see how a box with a 4 pixel rgb(191, 88, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 88, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 88, 21);  
box-shadow:4px 4px 4px 4px rgb(191, 88,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1100, 0.5447, 0.3928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 88, 21) }
```

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

```
.background{ background-color: rgb(191, 88,  
21) }
```

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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