

Converting Colors

$Y_{xy}(14.8970, 0.5650, 0.3896)$

Have a look what the booklet for
Yxy(14.8970, 0.5650, 0.3896)
contains.

Yxy(14.8559, 0.5653, 0.3893)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(14.8559, 0.5653, 0.3893)

Conversions

Conversions Part 1

Format	Color
Hex	B54B00
RGB	181, 75, 0
RGB Percent	71%, 29%, 0%
CMY	0.2902, 0.7059, 0.9997
CMYK	0.00, 0.59, 1.00, 0.29
HSL	25°, 100%, 36%
HSV	25°, 100%, 71%
XYZ	21.5722, 14.8559, 1.7325
YIQ	98.1440, 87.2510, -0.8530

Conversions

Conversions Part 2

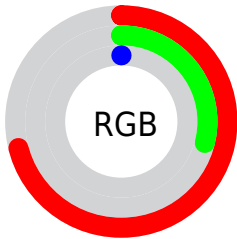
Format	Color
R_{YB}	181, 128, 0
Decimal	11881216
CIE Lab	45.44, 40.18, 55.62
CIE LCh	45, 68.616, 54.155
Yxy	14.8559, 0.5653, 0.3893
Android (android.graphics.Color)	4290071296 (0xFFB54B00)
YUV	98.1440, -48.3850, 72.6647
Hunter-Lab	38.5434, 32.4530, 24.3153

Details

The Yxy color **14.8559, 0.5653, 0.3893** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **13.6577, 0.1855, 0.1876**, and the grayscale version is **12.3613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7173, 0.5149, 0.3915**, and **4.6059, 0.6136, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **14.8508, 0.5654, 0.3893**, and if you desaturate by 10%, it is **16.4612, 0.5413, 0.3967**.

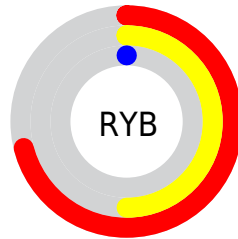
Distribution



Red (71%)

Green (29%)

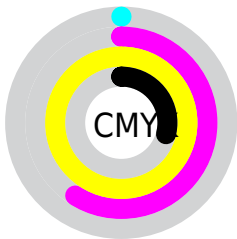
Blue (0%)



Red (71%)

Yellow (50%)

Blue (0%)

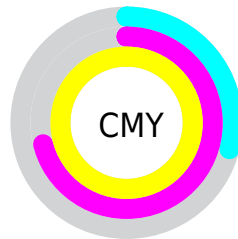


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (29%)



Cyan (29%)


Magenta (71%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8559, 0.5653, 0.3893 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 14.8559, 0.5653, 0.3893 by changing the saturation by 10% instead.


 14.8559, 0.5653,
0.3893

 14.8559, 0.5653,
0.3893


 222.4924, 0.4262,
0.3749


 8.7183, 0.6001,
0.3831


 34.6002, 0.5149,
0.3913


 4.5579, 0.6360,
0.3640

 48.9757, 0.4955,
0.3896


 1.9903, 0.6744,
0.3256

 66.8659, 0.4791,
0.3872

 0.6018, 0.7465,
0.2535

 88.6553, 0.4652,
0.3846


 0.0000, 1.0000,
0.0000


 114.7283, 0.4533,
0.3820


 0.0000, 0.0000,
0.0000

 145.4692, 0.4430,

0.3795


 181.2624, 0.4341,
0.3771


 14.8559, 0.5653,
0.3893


 14.8559, 0.5653,
0.3893


 14.8508, 0.5654,
0.3893

 16.4612, 0.5413,
0.3967

 18.3573, 0.5134,
0.3997

 20.5706, 0.4827,
0.3977

 23.1183, 0.4514,
0.3916

 26.0160, 0.4214,
0.3827

■ 29.2779, 0.3939,
0.3723

■ 32.9177, 0.3692,
0.3611

■ 36.9478, 0.3476,
0.3500

■ 41.3803, 0.3288,
0.3392

Harmonies

Analogous

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



14.8559, 0.5564, 0.3097



14.8559, 0.5653, 0.3893



14.8559, 0.4952, 0.4819

Triad

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



14.8559, 0.5653, 0.3893



14.8559, 0.1708, 0.4394



14.8559, 0.1928, 0.1499

Complementary

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



14.8559, 0.5653, 0.3893



13.6577, 0.1855, 0.1876

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.



14.8559, 0.1306, 0.1488



14.8559, 0.5653, 0.3893



14.8559, 0.1166, 0.2757

Square

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



14.8559, 0.5653, 0.3893



14.8559, 0.2710, 0.5784



14.8559, 0.1066, 0.1837



14.8559, 0.3039, 0.1805

Rectangle

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



14.8559, 0.5653, 0.3893



14.8559, 0.4252, 0.5445



14.8559, 0.1066, 0.1837



14.8559, 0.1670, 0.1462

Sweetspot

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



14.8567, 0.5653, 0.3893



58.5860, 0.3705, 0.3617



10.9212, 0.4537, 0.2273



12.0637, 0.3804, 0.3664



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



14.8567, 0.5653, 0.3893



26.1741, 0.5682, 0.3871



35.9844, 0.4380, 0.4904



9.0642, 0.3277, 0.3385



10.3683, 0.5632, 0.3910



0.4425, 0.5136, 0.4304

Inverse Universe

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



13.6577, 0.1855, 0.1876



23.9903, 0.1848, 0.1851



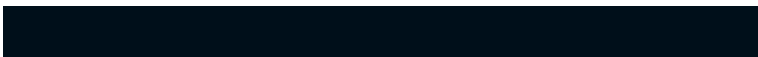
3.7746, 0.1520, 0.0670



9.0296, 0.2986, 0.3193



9.5502, 0.1860, 0.1894



0.4123, 0.1980, 0.2326

Previews

White Background



This preview shows how the Yxy color 14.8559, 0.5653, 0.3893 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 14.8559, 0.5653, 0.3893 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.8559, 0.5653, 0.3893

Background



This preview shows how black text looks on a background with the Yxy color 14.8559, 0.5653, 0.3893.



This preview shows how white text looks on a background with the Yxy color 14.8559, 0.5653, 0.3893.

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

14.8559, 0.5653, 0.3893

Protanopia

15.1153, 0.4324, 0.4807

Deuteranopia

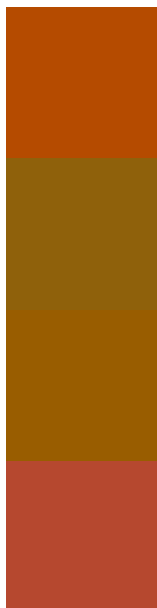
15.0189, 0.4698, 0.4652



Tritanopia

14.9420, 0.4985, 0.3245

Trichromacy



Original Color

14.8559, 0.5653, 0.3893

Protanomaly

14.4132, 0.4842, 0.4456

Deuteranomaly

14.6010, 0.5079, 0.4349

Tritanomaly

14.7850, 0.5358, 0.3581

Monochromacy



Original Color

14.8559, 0.5653, 0.3893

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

12.2493, 0.4210, 0.3841

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8559, 0.5653, 0.3893 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(181, 75, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 75, 0)  
}
```

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(181, 75, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 75, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.8559, 0.5653, 0.3893 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(181, 75, 0) }
```

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

```
.border{ border-color:rgb(181, 75, 0) }
```

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

Here you see how a box with a 4 pixel rgb(181, 75, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 75, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 75, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 75, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.8559, 0.5653, 0.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 75, 0) }
```

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

```
.background{ background-color: rgb(181, 75,  
0) }
```

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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