

Converting Colors

$Y_{xy}(11.5245, 0.5393, 0.4100)$

Have a look what the booklet for
Yxy(11.5245, 0.5393, 0.4100)
contains.

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Color

Yxy(11.5162, 0.5383, 0.4107)

Conversions

Conversions Part 1

Format	Color
Hex	964B00
RGB	150, 75, 0
RGB Percent	59%, 29%, 0%
CMY	0.4118, 0.7059, 0.9996
CMYK	0.00, 0.50, 1.00, 0.41
HSL	30°, 100%, 29%
HSV	30°, 100%, 59%
XYZ	15.0942, 11.5162, 1.4301
YIQ	88.8750, 68.7750, -7.4250

Conversions

Conversions Part 2

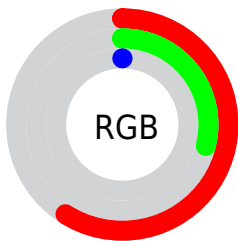
Format	Color
R _Y B	150, 150, 0
Decimal	9849600
CIE Lab	40.44, 27.50, 50.12
CIE LCh	40, 57.168, 61.242
Yxy	11.5162, 0.5383, 0.4107
Android (android.graphics.Color)	4288039680 (0xFF964B00)
YUV	88.8750, -43.8154, 53.6066
Hunter-Lab	33.9355, 20.0077, 21.2564

Details

The Yxy color **11.5162, 0.5383, 0.4107** is a dark color, and the websafe version is hex **993300**, and the color name is **brown (traditional)**. A complement of this color would be **7.2477, 0.1780, 0.1607**, and the grayscale version is **10.0512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6544, 0.4896, 0.4051**, and **3.1058, 0.5832, 0.3751** is the 20% darker color. If you saturate the color by 10%, you get **11.5099, 0.5384, 0.4107**, and if you desaturate by 10%, it is **12.6303, 0.5168, 0.4153**.

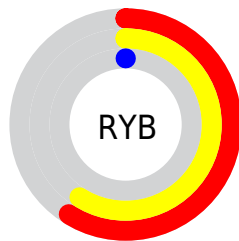
Distribution



Red (59%)

Green (29%)

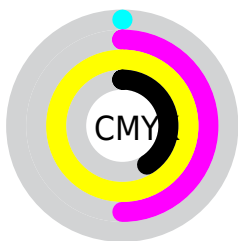
Blue (0%)



Red (59%)

Yellow (59%)

Blue (0%)

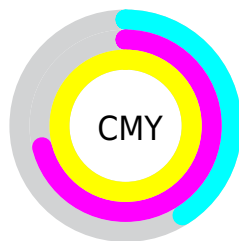


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (41%)



Cyan (41%)


Magenta (71%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5162, 0.5383, 0.4107 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 11.5162, 0.5383, 0.4107 by changing the saturation by 10% instead.


 11.5162, 0.5383,
0.4107


 11.5162, 0.5383,
0.4107


 201.1755, 0.4090,
0.3787


 6.4152, 0.5769,
0.4125


 28.6108, 0.4898,
0.4052


 3.0991, 0.6067,
0.3933

 41.3732, 0.4717,
0.4008


 1.1837, 0.6452,
0.3548

 57.4582, 0.4565,
0.3963

 0.0483, 0.9369,
0.0631


 77.2502, 0.4439,
0.3921


 0.0000, 0.0000,
0.0000


 101.1335, 0.4331,
0.3883


 129.4925, 0.4239,


0.3848

 162.7118, 0.4160,
0.3816


 11.5162, 0.5383,
0.4107


 11.5162, 0.5383,
0.4107


 11.5099, 0.5384,
0.4107

 12.6303, 0.5168,
0.4153

 13.8927, 0.4930,
0.4158

 15.3195, 0.4667,
0.4115

 16.9188, 0.4398,
0.4033

 18.6981, 0.4135,
0.3924

■ 20.6642, 0.3889,
0.3800

■ 22.8233, 0.3664,
0.3669

■ 25.1815, 0.3462,
0.3537

■ 27.7444, 0.3283,
0.3410

Harmonies

Analogous

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



11.5162, 0.5465, 0.3320



11.5162, 0.5383, 0.4107



11.5162, 0.4652, 0.4969

Triad

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



11.5162, 0.5383, 0.4107



11.5162, 0.1665, 0.3912



11.5162, 0.2224, 0.1657

Complementary

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



11.5162, 0.5383, 0.4107



7.2477, 0.1780, 0.1607

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.



11.5162, 0.1527, 0.1582



11.5162, 0.5383, 0.4107



11.5162, 0.1242, 0.2562

Square

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



11.5162, 0.5383, 0.4107



11.5162, 0.2534, 0.5326



11.5162, 0.1217, 0.1835



11.5162, 0.3358, 0.2014

Rectangle

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



11.5162, 0.5383, 0.4107



11.5162, 0.3980, 0.5469



11.5162, 0.1217, 0.1835



11.5162, 0.1943, 0.1600

Sweetspot

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



11.5168, 0.5383, 0.4107



40.0174, 0.3678, 0.3677



7.0297, 0.4854, 0.2448



8.5406, 0.3761, 0.3728



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



11.5168, 0.5383, 0.4107



19.9629, 0.5413, 0.4084



27.5077, 0.4222, 0.5029



6.2655, 0.3271, 0.3401



9.6104, 0.5373, 0.4115



0.1765, 0.4767, 0.4597

Inverse Universe

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



7.2477, 0.1780, 0.1607



12.4279, 0.1770, 0.1573



2.2590, 0.1504, 0.0614



6.0836, 0.2989, 0.3177



6.0693, 0.1783, 0.1618



0.1331, 0.1997, 0.2390

Previews

White Background



This preview shows how the Yxy color 11.5162, 0.5383, 0.4107 looks on a white background.

Color Contrast Check

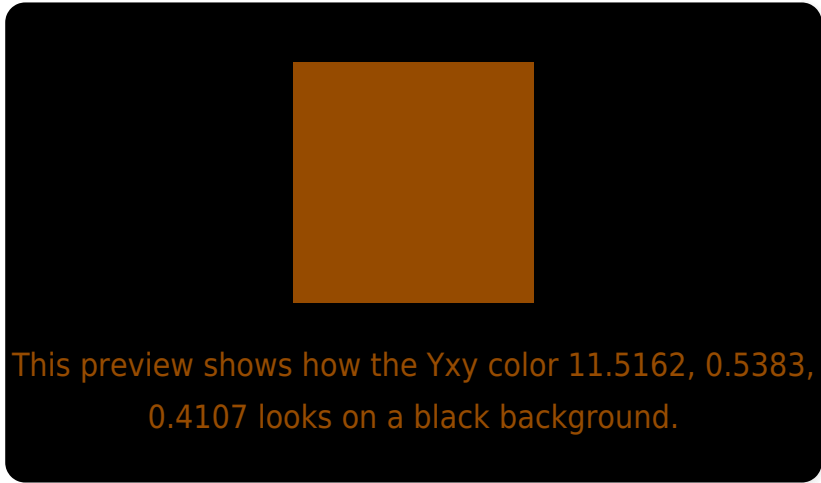
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

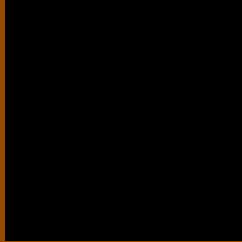
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5162, 0.5383, 0.4107

Background



This preview shows how black text looks on a background with the Yxy color 11.5162, 0.5383, 0.4107.



This preview shows how white text looks on a background with the Yxy color 11.5162, 0.5383, 0.4107.

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

11.5162, 0.5383, 0.4107

Protanopia

11.5829, 0.4334, 0.4808

Deuteranopia

11.5471, 0.4690, 0.4658



Tritanopia

11.5637, 0.4559, 0.3212

Trichromacy



Original Color

11.5162, 0.5383, 0.4107

Protanomaly

11.2079, 0.4740, 0.4540

Deuteranomaly

11.4025, 0.4968, 0.4438

Tritanomaly

11.4274, 0.5001, 0.3660

Monochromacy



Original Color

11.5162, 0.5383, 0.4107

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.0156, 0.4067, 0.3892

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5162, 0.5383, 0.4107 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(150, 75, 0)` looks like.

```
.text, #text, p{  
    color:rgb(150, 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(150, 75, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 75, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.5162, 0.5383, 0.4107 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(150, 75, 0) }
```

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

```
.border{ border-color:rgb(150, 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(150, 75, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 75, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 75, 0);  
box-shadow:4px 4px 4px 4px rgb(150, 75, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.5162, 0.5383, 0.4107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 75, 0) }
```

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

```
.background{ background-color: rgb(150, 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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