

Converting Colors

$Y_{xy}(11.5428, 0.4862, 0.4205)$

Have a look what the booklet for
Yxy(11.5428, 0.4862, 0.4205)
contains.

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Color

Yxy(11.5707, 0.4859, 0.4208)

Conversions

Conversions Part 1

Format	Color
Hex	87541B
RGB	135, 84, 27
RGB Percent	53%, 33%, 11%
CMY	0.4706, 0.6706, 0.8942
CMYK	0.00, 0.38, 0.80, 0.47
HSL	32°, 67%, 32%
HSV	32°, 80%, 53%
XYZ	13.3607, 11.5707, 2.5655
YIQ	92.7510, 48.6930, -6.9150

Conversions

Conversions Part 2

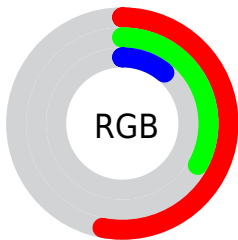
Format	Color
RYB	124, 135, 27
Decimal	8868891
CIELab	40.53, 16.33, 40.12
CIELCh	41, 43.318, 67.850
Yxy	11.5707, 0.4859, 0.4208
Android (android.graphics.Color)	4287058971 (0xFF87541B)
YUV	92.7510, -32.4152, 37.0524
Hunter-Lab	34.0157, 10.5840, 19.3394

Details

The Yxy color **11.5707, 0.4859, 0.4208** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **7.4311, 0.1939, 0.1908**, and the grayscale version is **10.9539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7647, 0.4451, 0.4060**, and **3.2004, 0.5335, 0.4146** is the 20% darker color. If you saturate the color by 10%, you get **10.5775, 0.5084, 0.4212**, and if you desaturate by 10%, it is **12.6840, 0.4612, 0.4157**.

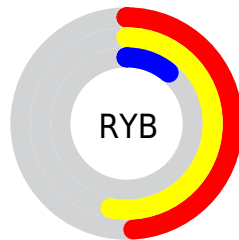
Distribution



Red (53%)

Green (33%)

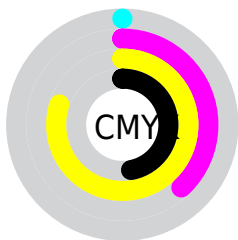
Blue (11%)



Red (49%)

Yellow (53%)

Blue (11%)

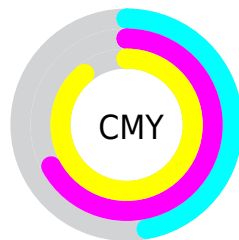


Cyan (0%)

Magenta (38%)

Yellow (80%)

Black (47%)



Cyan (47%)


Magenta (67%)

Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5707, 0.4859, 0.4208 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 11.5707, 0.4859, 0.4208 by changing the saturation by 10% instead.


 11.5707, 0.4859,
0.4208


 11.5707, 0.4859,
0.4208


 201.5421, 0.3837,
0.3739

 6.4521, 0.5142,
0.4278


 28.7108, 0.4456,
0.4056


 3.1219, 0.5610,
0.4390

 41.5010, 0.4313,
0.3990

 1.1957, 0.5866,
0.4134

 57.6172, 0.4196,
0.3933

 0.0582, 0.8864,
0.1136


 77.4439, 0.4099,
0.3883

 0.0000, 0.0000,
0.0000

 101.3653, 0.4017,
0.3840


 129.7658, 0.3948,

0.3802


 163.0300, 0.3889,
0.3769


 11.5707, 0.4859,
0.4208


 11.5707, 0.4859,
0.4208


 10.5775, 0.5084,
0.4212


 12.6840, 0.4612,
0.4157

 9.6904, 0.5291,
0.4181

 13.9212, 0.4357,
0.4068

 15.2884, 0.4107,
0.3953

 16.7902, 0.3871,
0.3823

 18.4311, 0.3653,
0.3686

■ 20.2153, 0.3457,
0.3549

■ 22.1469, 0.3282,
0.3416

■ 24.2296, 0.3127,
0.3290

■ 26.4671, 0.2991,
0.3172

Harmonies

Analogous

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



11.5707, 0.4984, 0.3536



11.5707, 0.4859, 0.4208



11.5707, 0.4257, 0.4822

Triad

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



11.5707, 0.4859, 0.4208



11.5707, 0.1878, 0.3532



11.5707, 0.2603, 0.2007

Complementary

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



11.5707, 0.4859, 0.4208



7.4311, 0.1939, 0.1908

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.



11.5707, 0.1936, 0.1896



11.5707, 0.4859, 0.4208



11.5707, 0.1569, 0.2598

Square

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



11.5707, 0.4859, 0.4208



11.5707, 0.2539, 0.4583



11.5707, 0.1596, 0.2068



11.5707, 0.3546, 0.2361

Rectangle

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



11.5707, 0.4859, 0.4208



11.5707, 0.3708, 0.5060



11.5707, 0.1596, 0.2068



11.5707, 0.2344, 0.1942

Sweetspot

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



11.5713, 0.4859, 0.4208



34.7177, 0.3543, 0.3611



6.5025, 0.4475, 0.2465



7.8109, 0.3606, 0.3654



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



11.5713, 0.4859, 0.4208



17.6394, 0.5243, 0.4179



22.4127, 0.4093, 0.4941



5.0652, 0.3267, 0.3405



8.9615, 0.5286, 0.4185



0.0457, 0.4721, 0.4634

Inverse Universe

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



7.4311, 0.1939, 0.1908



9.9624, 0.1777, 0.1565



2.7912, 0.1686, 0.0893



4.8803, 0.2992, 0.3173



4.9948, 0.1760, 0.1536



0.0317, 0.1978, 0.2321

Previews

White Background



This preview shows how the Yxy color 11.5707, 0.4859, 0.4208 looks on a white background.

Color Contrast Check

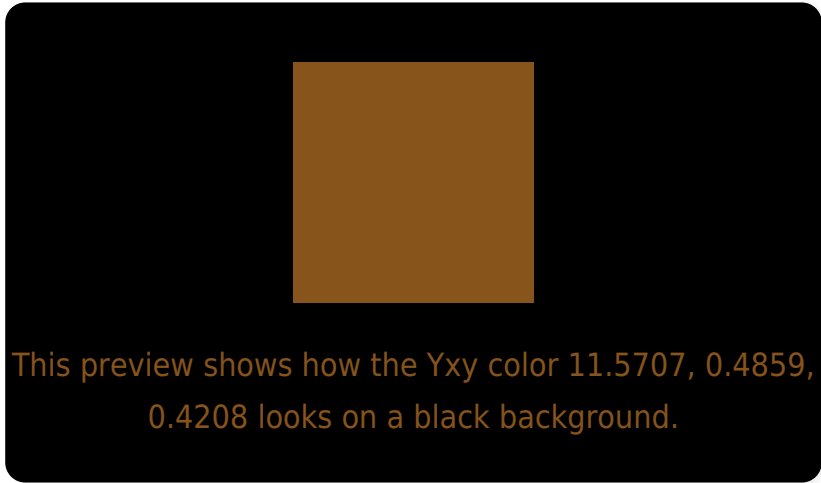
Large Text (above 18pt) WCAG AA ✓ Pass

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

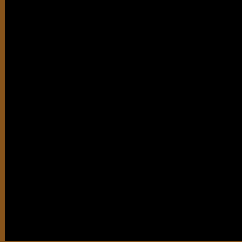
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5707, 0.4859, 0.4208

Background



This preview shows how black text looks on a background with the Yxy color 11.5707, 0.4859, 0.4208.



This preview shows how white text looks on a background with the Yxy color 11.5707, 0.4859, 0.4208.

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

11.5707, 0.4859, 0.4208

Protanopia

11.6476, 0.4212, 0.4628

Deuteranopia

11.6131, 0.4555, 0.4486



Tritanopia

11.6353, 0.4091, 0.3200

Trichromacy



Original Color

11.5707, 0.4859, 0.4208

Protanomaly

11.5946, 0.4447, 0.4475

Deuteranomaly

11.4853, 0.4675, 0.4376

Tritanomaly

11.5621, 0.4437, 0.3624

Monochromacy



Original Color

11.5707, 0.4859, 0.4208

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.9301, 0.3762, 0.3768

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5707, 0.4859, 0.4208 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(135, 84, 27)` looks like.

```
.text, #text, p{  
    color:rgb(135, 84, 27)  
}
```

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(135, 84, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 84, 27) }
```

Border

The CSS property to change the border of an element to Yxy 11.5707, 0.4859, 0.4208 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(135, 84, 27) }
```

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

```
.border{ border-color:rgb(135, 84, 27) }
```

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

Here you see how a box with a 4 pixel rgb(135, 84, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 84, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 84, 27);  
box-shadow:4px 4px 4px 4px rgb(135, 84,  
27) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5707, 0.4859, 0.4208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 84, 27) }
```

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

```
.background{ background-color: rgb(135, 84,  
27) }
```

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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