

Converting Colors

$Y_{xy}(11.7585, 0.5029, 0.4227)$

Have a look what the booklet for
Yxy(11.7585, 0.5029, 0.4227)
contains.

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Color

Yxy(11.8024, 0.5025, 0.4233)

Conversions

Conversions Part 1

Format	Color
Hex	8C5311
RGB	140, 83, 17
RGB Percent	55%, 33%, 7%
CMY	0.4509, 0.6745, 0.9334
CMYK	0.00, 0.41, 0.88, 0.45
HSL	32°, 78%, 31%
HSV	32°, 88%, 55%
XYZ	14.0106, 11.8024, 2.0688
YIQ	92.5190, 55.1580, -8.4420

Conversions

Conversions Part 2

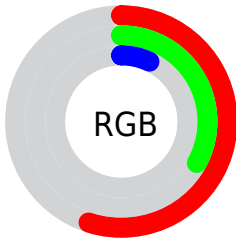
Format	Color
R_{YB}	123, 140, 17
Decimal	9196305
CIE Lab	40.90, 18.87, 44.74
CIE LCh	41, 48.551, 67.135
Yxy	11.8024, 0.5025, 0.4233
Android (android.graphics.Color)	4287386385 (0xFF8C5311)
YUV	92.5190, -37.2309, 41.6408
Hunter-Lab	34.3546, 12.6760, 20.4778

Details

The Yxy color **11.8024, 0.5025, 0.4233** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **6.9082, 0.1850, 0.1724**, and the grayscale version is **10.9068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.1861, 0.4598, 0.4105**, and **3.2080, 0.5454, 0.4052** is the 20% darker color. If you saturate the color by 10%, you get **10.8224, 0.5226, 0.4204**, and if you desaturate by 10%, it is **12.9011, 0.4798, 0.4218**.

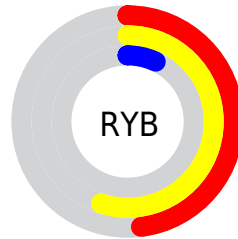
Distribution



Red (55%)

Green (33%)

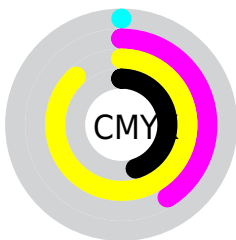
Blue (7%)



Red (48%)

Yellow (55%)

Blue (7%)

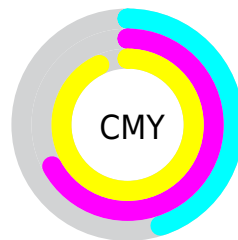


Cyan (0%)

Magenta (41%)

Yellow (88%)

Black (45%)



Cyan (45%)


Magenta (67%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.8024, 0.5025, 0.4233 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 11.8024, 0.5025, 0.4233 by changing the saturation by 10% instead.


 11.8024, 0.5025,
0.4233

 11.8024, 0.5025,
0.4233


203.0927, 0.3923,
0.3780


 6.6093, 0.5325,
0.4287


 29.1347, 0.4601,
0.4100


 3.2190, 0.5709,
0.4291

 42.0427, 0.4446,
0.4037


 1.2471, 0.5990,
0.4010

 58.2910, 0.4319,
0.3980

 0.0997, 0.8478,
0.1522


 78.2642, 0.4213,
0.3929


 0.0000, 0.0000,
0.0000


 102.3466, 0.4123,
0.3885


 130.9225, 0.4046,


0.3845

 164.3764, 0.3980,
0.3811

 11.8024, 0.5025,
0.4233


 11.8024, 0.5025,
0.4233


 10.8224, 0.5226,
0.4204

 12.9011, 0.4798,
0.4218

 10.6265, 0.5270,
0.4197

 14.1266, 0.4552,
0.4156

 15.4855, 0.4300,
0.4059

 16.9835, 0.4054,
0.3938

 18.6254, 0.3823,
0.3804

■ 20.4160, 0.3610,
0.3664

■ 22.3597, 0.3418,
0.3525

■ 24.4607, 0.3248,
0.3391

■ 26.7230, 0.3097,
0.3264

Harmonies

Analogous

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



11.8024, 0.5175, 0.3508



11.8024, 0.5025, 0.4233



11.8024, 0.4355, 0.4937

Triad

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



11.8024, 0.5025, 0.4233



11.8024, 0.1764, 0.3577



11.8024, 0.2523, 0.1892

Complementary

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



11.8024, 0.5025, 0.4233



6.9082, 0.1850, 0.1724

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.



11.8024, 0.1815, 0.1776



11.8024, 0.5025, 0.4233



11.8024, 0.1436, 0.2530

Square

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



11.8024, 0.5025, 0.4233



11.8024, 0.2482, 0.4777



11.8024, 0.1463, 0.1958



11.8024, 0.3557, 0.2264

Rectangle

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



11.8024, 0.5025, 0.4233



11.8024, 0.3754, 0.5246



11.8024, 0.1463, 0.1958



11.8024, 0.2245, 0.1823

Sweetspot

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



11.8030, 0.5025, 0.4233



36.4286, 0.3583, 0.3646



6.4761, 0.4737, 0.2501



8.1641, 0.3645, 0.3688



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



11.8030, 0.5025, 0.4233



18.4083, 0.5298, 0.4175



24.0257, 0.4106, 0.5029



5.4639, 0.3268, 0.3407



9.4806, 0.5263, 0.4203



0.0923, 0.4707, 0.4645

Inverse Universe

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



6.9082, 0.1850, 0.1724



9.6622, 0.1739, 0.1460



2.4541, 0.1604, 0.0750



5.2493, 0.2991, 0.3170



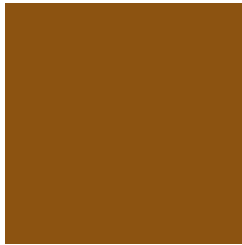
5.0673, 0.1751, 0.1505



0.0625, 0.1972, 0.2299

Previews

White Background



This preview shows how the Yxy color 11.8024, 0.5025, 0.4233 looks on a white background.

Color Contrast Check

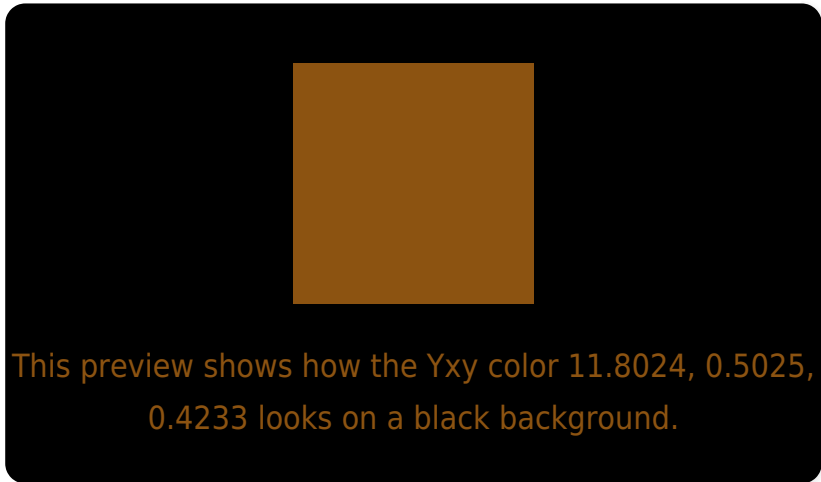
Large Text (above 18pt) WCAG AA ✓ Pass

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

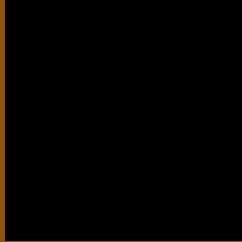
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.8024, 0.5025, 0.4233

Background



This preview shows how black text looks on a background with the Yxy color 11.8024, 0.5025, 0.4233.



This preview shows how white text looks on a background with the Yxy color 11.8024, 0.5025, 0.4233.

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

11.8024, 0.5025, 0.4233

Protanopia

11.8547, 0.4286, 0.4741

Deuteranopia

11.8850, 0.4660, 0.4598



Tritanopia

11.7719, 0.4206, 0.3186

Trichromacy



Original Color

11.8024, 0.5025, 0.4233

Protanomaly

11.6979, 0.4552, 0.4552

Deuteranomaly

11.8384, 0.4790, 0.4468

Tritanomaly

11.6585, 0.4605, 0.3642

Monochromacy



Original Color

11.8024, 0.5025, 0.4233

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.8414, 0.3870, 0.3829

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.8024, 0.5025, 0.4233 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(140, 83, 17)` looks like.

```
.text, #text, p{  
    color:rgb(140, 83, 17)  
}
```

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(140, 83, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 83, 17) }
```

Border

The CSS property to change the border of an element to Yxy 11.8024, 0.5025, 0.4233 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(140, 83, 17) }
```

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

```
.border{ border-color:rgb(140, 83, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 83, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 83, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 83, 17);  
box-shadow:4px 4px 4px 4px rgb(140, 83,  
17) }
```


Background

The CSS property to change the background color of an element to Yxy 11.8024, 0.5025, 0.4233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 83, 17) }
```

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

```
.background{ background-color: rgb(140, 83,  
17) }
```

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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