

Converting Colors

$Y_{xy}(11.7709, 0.4875, 0.4322)$

Have a look what the booklet for
Yxy(11.7709, 0.4875, 0.4322)
contains.

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Color

Yxy(11.7709, 0.4875, 0.4322)

Conversions

Conversions Part 1

Format	Color
Hex	865613
RGB	134, 86, 19
RGB Percent	53%, 34%, 7%
CMY	0.4745, 0.6627, 0.9256
CMYK	0.00, 0.36, 0.86, 0.47
HSL	35°, 75%, 30%
HSV	35°, 86%, 53%
XYZ	13.2770, 11.7709, 2.1870
YIQ	92.7140, 50.1150, -10.6610

Conversions

Conversions Part 2

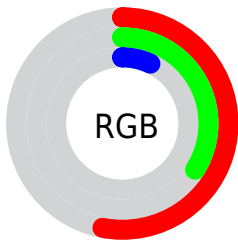
Format	Color
R_{YB}	101, 134, 19
Decimal	8803859
CIE _{Lab}	40.85, 14.39, 43.65
CIE _{LCh}	41, 45.962, 71.754
Yxy	11.7709, 0.4875, 0.4322
Android (android.graphics.Color)	4286993939 (0xFF865613)
YUV	92.7140, -36.3410, 36.2078
Hunter-Lab	34.3087, 9.0366, 20.2368

Details

The Yxy color **11.7709, 0.4875, 0.4322** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5.8704, 0.1838, 0.1640**, and the grayscale version is **10.9534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.1144, 0.4476, 0.4155**, and **3.2481, 0.5230, 0.4229** is the 20% darker color. If you saturate the color by 10%, you get **10.8785, 0.5059, 0.4312**, and if you desaturate by 10%, it is **12.7591, 0.4665, 0.4285**.

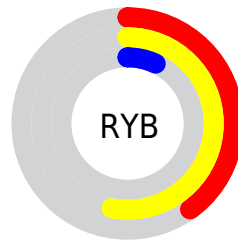
Distribution



Red (53%)

Green (34%)

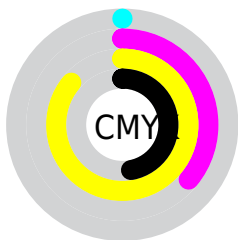
Blue (7%)



Red (40%)

Yellow (53%)

Blue (7%)

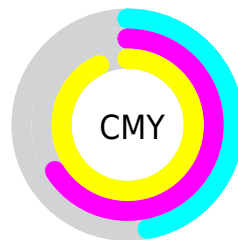


Cyan (0%)

Magenta (36%)

Yellow (86%)

Black (47%)



Cyan (47%)


Magenta (66%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.7709, 0.4875, 0.4322 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 11.7709, 0.4875, 0.4322 by changing the saturation by 10% instead.

 11.7709, 0.4875,
0.4322


 11.7709, 0.4875,
0.4322


202.8826, 0.3860,
0.3797


 6.5879, 0.5148,
0.4406


 29.0772, 0.4484,
0.4153


 3.2057, 0.5522,
0.4478

 41.9692, 0.4341,
0.4079


 1.2401, 0.5746,
0.4254

 58.1996, 0.4224,
0.4015

 0.0941, 0.8241,
0.1759


 78.1530, 0.4126,
0.3959


 0.0000, 0.0000,
0.0000


 102.2135, 0.4044,
0.3910


 130.7657, 0.3974,


0.3867


 164.1940, 0.3913,
0.3830


 11.7709, 0.4875,
0.4322


 11.7709, 0.4875,
0.4322


 10.8785, 0.5059,
0.4312

 12.7591, 0.4665,
0.4285

 10.5296, 0.5135,
0.4304

 13.8478, 0.4438,
0.4206

 15.0424, 0.4206,
0.4094

 16.3471, 0.3977,
0.3959

 17.7658, 0.3761,
0.3813

■ 19.3021, 0.3561,
0.3663

■ 20.9595, 0.3378,
0.3514

■ 22.7411, 0.3215,
0.3370

■ 24.6502, 0.3069,
0.3235

Harmonies

Analogous

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



11.7709, 0.5097, 0.3620



11.7709, 0.4875, 0.4322



11.7709, 0.4191, 0.4956

Triad

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



11.7709, 0.4875, 0.4322



11.7709, 0.1754, 0.3391



11.7709, 0.2689, 0.1988

Complementary

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



11.7709, 0.4875, 0.4322



5.8704, 0.1838, 0.1640

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.



11.7709, 0.1953, 0.1836



11.7709, 0.4875, 0.4322



11.7709, 0.1487, 0.2460

Square

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



11.7709, 0.4875, 0.4322



11.7709, 0.2394, 0.4538



11.7709, 0.1560, 0.1968



11.7709, 0.3704, 0.2383

Rectangle

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



11.7709, 0.4875, 0.4322



11.7709, 0.3601, 0.5174



11.7709, 0.1560, 0.1968



11.7709, 0.2406, 0.1908

Sweetspot

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



11.7715, 0.4875, 0.4322



33.8024, 0.3575, 0.3674



5.9608, 0.4787, 0.2563



7.4344, 0.3631, 0.3717



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



11.7715, 0.4875, 0.4322



18.2458, 0.5161, 0.4284



21.5589, 0.4049, 0.5047



5.1059, 0.3266, 0.3417



9.8888, 0.5132, 0.4307



0.0487, 0.4636, 0.4701

Inverse Universe

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



5.8704, 0.1838, 0.1640



7.7135, 0.1701, 0.1322



2.4142, 0.1651, 0.0801



4.8402, 0.2992, 0.3160



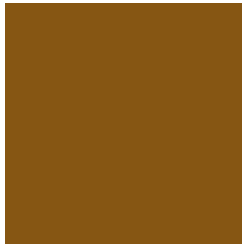
4.2763, 0.1713, 0.1365



0.0287, 0.1939, 0.2179

Previews

White Background



This preview shows how the Yxy color 11.7709, 0.4875, 0.4322 looks on a white background.

Color Contrast Check

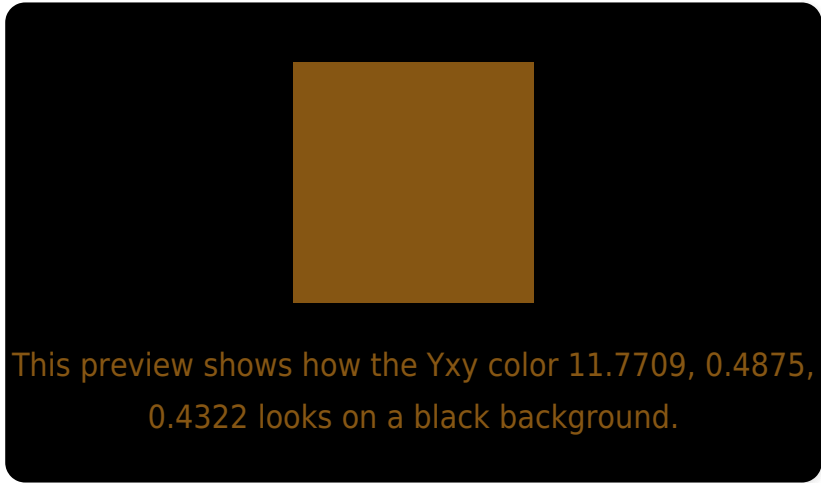
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.7709, 0.4875, 0.4322

Background



This preview shows how black text looks on a background with the Yxy color 11.7709, 0.4875, 0.4322.



This preview shows how white text looks on a background with the Yxy color 11.7709, 0.4875, 0.4322.

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

11.7709, 0.4875, 0.4322

Protanopia

11.8585, 0.4279, 0.4731

Deuteranopia

11.8264, 0.4615, 0.4571



Tritanopia

11.7276, 0.4031, 0.3180

Trichromacy



Original Color

11.7709, 0.4875, 0.4322

Protanomaly

11.7344, 0.4496, 0.4580

Deuteranomaly

11.7854, 0.4706, 0.4489

Tritanomaly

11.6166, 0.4427, 0.3663

Monochromacy



Original Color

11.7709, 0.4875, 0.4322

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.8938, 0.3811, 0.3835

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.7709, 0.4875, 0.4322 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(134, 86, 19)` looks like.

```
.text, #text, p{  
    color:rgb(134, 86, 19)  
}
```

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(134, 86, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 86, 19) }
```

Border

The CSS property to change the border of an element to Yxy 11.7709, 0.4875, 0.4322 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(134, 86, 19) }
```

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

```
.border{ border-color:rgb(134, 86, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 86, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 86, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 86, 19);  
box-shadow:4px 4px 4px 4px rgb(134, 86,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 11.7709, 0.4875, 0.4322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 86, 19) }
```

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

```
.background{ background-color: rgb(134, 86,  
19) }
```

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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