

Converting Colors

$Y_{xy}(11.0408, 0.4679, 0.4088)$

Have a look what the booklet for
Yxy(11.0408, 0.4679, 0.4088)
contains.

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Color

Yxy(11.0723, 0.4680, 0.4097)

Conversions

Conversions Part 1

Format	Color
Hex	825326
RGB	130, 83, 38
RGB Percent	51%, 33%, 15%
CMY	0.4902, 0.6745, 0.8509
CMYK	0.00, 0.36, 0.71, 0.49
HSL	29°, 55%, 33%
HSV	29°, 71%, 51%
XYZ	12.6479, 11.0723, 3.3052
YIQ	91.9230, 42.4570, -4.0310

Conversions

Conversions Part 2

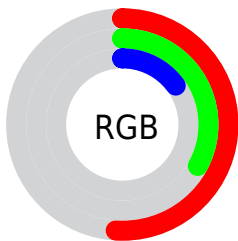
Format	Color
RYB	130, 126, 38
Decimal	8540966
CIELab	39.70, 15.17, 33.65
CIElCh	40, 36.912, 65.728
Yxy	11.0723, 0.4680, 0.4097
Android (android.graphics.Color)	4286731046 (0xFF825326)
YUV	91.9230, -26.5840, 33.3935
Hunter-Lab	33.2751, 9.6166, 17.4033

Details

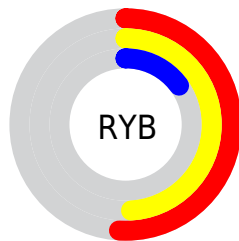
The Yxy color **11.0723, 0.4680, 0.4097** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.5193, 0.2075, 0.2188**, and the grayscale version is **10.7395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8700, 0.4293, 0.3952**, and **2.9640, 0.5293, 0.4179** is the 20% darker color. If you saturate the color by 10%, you get **10.0351, 0.4944, 0.4138**, and if you desaturate by 10%, it is **12.2372, 0.4410, 0.4018**.

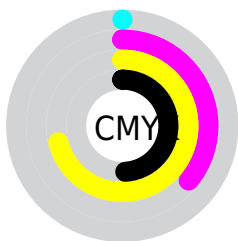
Distribution



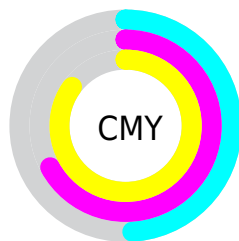
- Red (51%)
- Green (33%)
- Blue (15%)



- Red (51%)
- Yellow (49%)
- Blue (15%)



- Cyan (0%)
- Magenta (36%)
- Yellow (71%)
- Black (49%)





- Cyan (49%)
- Magenta (67%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0723, 0.4680, 0.4097 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 11.0723, 0.4680, 0.4097 by changing the saturation by 10% instead.


 11.0723, 0.4680,
0.4097


 11.0723, 0.4680,
0.4097


198.1629, 0.3742,
0.3665


 6.1155, 0.4964,
0.4180

 27.7938, 0.4298,
0.3946


 2.9154, 0.5557,
0.4409

 40.3272, 0.4167,
0.3885


 1.0877, 0.5828,
0.4172

 56.1550, 0.4061,
0.3834

 0.0000, 1.0000,
0.0000

 75.6616, 0.3974,
0.3790

 0.0000, 0.0000,
0.0000

 99.2312, 0.3901,
0.3752

 127.2484, 0.3840,

0.3719

160.0975, 0.3788,
0.3690

11.0723, 0.4680,
0.4097

11.0723, 0.4680,
0.4097

10.0351, 0.4944,
0.4138

12.2372, 0.4410,
0.4018

9.1181, 0.5186,
0.4132

13.5336, 0.4146,
0.3914

8.3660, 0.5395,
0.4098

14.9670, 0.3900,
0.3793

16.5419, 0.3675,
0.3667

18.2628, 0.3473,
0.3539

■ 20.1337, 0.3295,
0.3416

■ 22.1587, 0.3138,
0.3299

■ 24.3415, 0.3001,
0.3189

■ 26.6858, 0.2881,
0.3087

Harmonies

Analogous

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



11.0723, 0.4728, 0.3496



11.0723, 0.4680, 0.4097



11.0723, 0.4193, 0.4621

Triad

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



11.0723, 0.4680, 0.4097



11.0723, 0.2065, 0.3576



11.0723, 0.2623, 0.2133

Complementary

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



11.0723, 0.4680, 0.4097



8.5193, 0.2075, 0.2188

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.



11.0723, 0.2042, 0.2053



11.0723, 0.4680, 0.4097



11.0723, 0.1752, 0.2750

Square

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



11.0723, 0.4680, 0.4097



11.0723, 0.2680, 0.4436



11.0723, 0.1751, 0.2241



11.0723, 0.3436, 0.2439

Rectangle

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



11.0723, 0.4680, 0.4097



11.0723, 0.3720, 0.4815



11.0723, 0.1751, 0.2241



11.0723, 0.2398, 0.2079

Sweetspot

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



11.0729, 0.4680, 0.4097



31.9419, 0.3487, 0.3548



6.7963, 0.4163, 0.2448



7.0703, 0.3531, 0.3577



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



11.0729, 0.4680, 0.4097



16.6552, 0.5097, 0.4140



20.4423, 0.4065, 0.4794



4.6645, 0.3267, 0.3396



8.0368, 0.5393, 0.4100



0.0000, 0.0000, 0.0000

Inverse Universe

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



8.5193, 0.2075, 0.2188



11.8423, 0.1901, 0.1892



3.5108, 0.1822, 0.1148



4.5465, 0.2993, 0.3182



5.3402, 0.1796, 0.1665



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 11.0723, 0.4680, 0.4097 looks on a white background.

Color Contrast Check

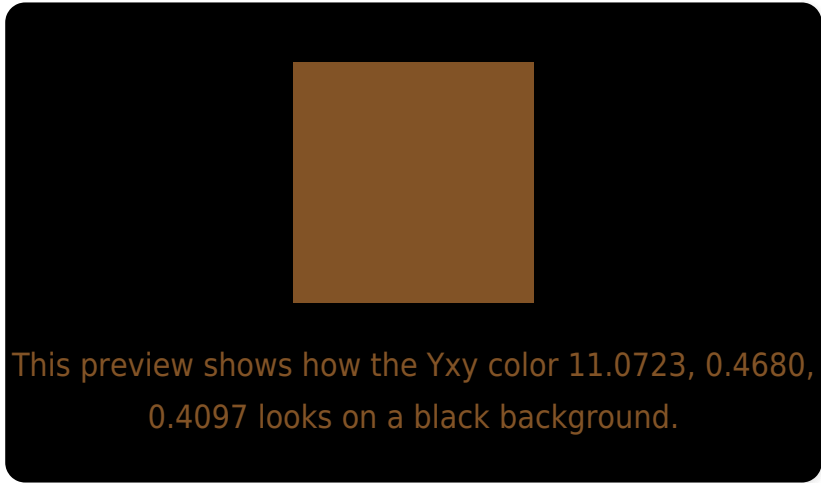
Large Text (above 18pt) WCAG AA ✓ Pass

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

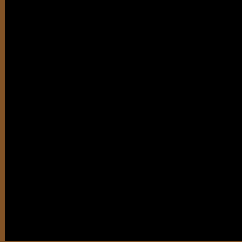
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0723, 0.4680, 0.4097

Background



This preview shows how black text looks on a background with the Yxy color 11.0723, 0.4680, 0.4097.



This preview shows how white text looks on a background with the Yxy color 11.0723, 0.4680, 0.4097.

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

11.0723, 0.4680, 0.4097

Protanopia

11.1086, 0.4056, 0.4456

Deuteranopia

11.0540, 0.4404, 0.4336



Tritanopia

11.0754, 0.4015, 0.3177

Trichromacy



Original Color

11.0723, 0.4680, 0.4097

Protanomaly

10.9762, 0.4275, 0.4325

Deuteranomaly

11.0875, 0.4504, 0.4244

Tritanomaly

11.0481, 0.4297, 0.3543

Monochromacy



Original Color

11.0723, 0.4680, 0.4097

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.6768, 0.3686, 0.3683

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0723, 0.4680, 0.4097 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(130, 83, 38)` looks like.

```
.text, #text, p{  
  color:rgb(130, 83, 38)  
}
```

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(130, 83, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 83, 38) }
```

Border

The CSS property to change the border of an element to Yxy 11.0723, 0.4680, 0.4097 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(130, 83, 38) }
```

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

```
.border{ border-color:rgb(130, 83, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 83, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 83, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 83, 38);  
box-shadow:4px 4px 4px 4px rgb(130, 83,  
38) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0723, 0.4680, 0.4097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 83, 38) }
```

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

```
.background{ background-color: rgb(130, 83,  
38) }
```

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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