

Converting Colors

$Y_{xy}(11.1564, 0.4758, 0.4307)$

Have a look what the booklet for
Yxy(11.1564, 0.4758, 0.4307)
contains.

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Color

Yxy(11.1564, 0.4758, 0.4307)

Conversions

Conversions Part 1

Format	Color
Hex	805519
RGB	128, 85, 25
RGB Percent	50%, 33%, 10%
CMY	0.4981, 0.6666, 0.9021
CMYK	0.00, 0.34, 0.80, 0.50
HSL	35°, 67%, 30%
HSV	35°, 80%, 50%
XYZ	12.3246, 11.1564, 2.4219
YIQ	91.0170, 44.8880, -9.5440

Conversions

Conversions Part 2

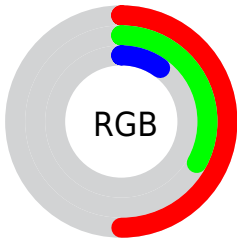
Format	Color
RYB	99, 128, 25
Decimal	8410393
CIELab	39.84, 12.37, 40.03
CIElCh	40, 41.902, 72.825
Yxy	11.1564, 0.4758, 0.4307
Android (android.graphics.Color)	4286600473 (0xFF805519)
YUV	91.0170, -32.5464, 32.4341
Hunter-Lab	33.4012, 7.4122, 19.0817

Details

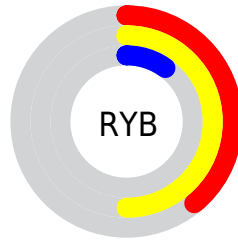
The Yxy color **11.1564, 0.4758, 0.4307** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5.8931, 0.1900, 0.1761**, and the grayscale version is **10.5334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9993, 0.4372, 0.4131**, and **2.9734, 0.5162, 0.4284** is the 20% darker color. If you saturate the color by 10%, you get **10.3044, 0.4956, 0.4323**, and if you desaturate by 10%, it is **12.0983, 0.4538, 0.4245**.

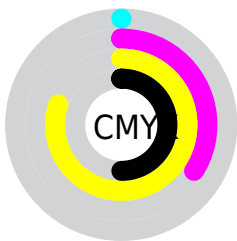
Distribution



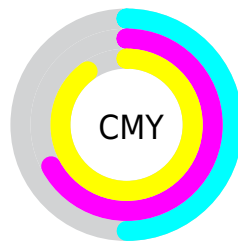
- Red (50%)
- Green (33%)
- Blue (10%)



- Red (39%)
- Yellow (50%)
- Blue (10%)



- Cyan (0%)
- Magenta (34%)
- Yellow (80%)
- Black (50%)





- Cyan (50%)
- Magenta (67%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1564, 0.4758, 0.4307 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 11.1564, 0.4758, 0.4307 by changing the saturation by 10% instead.


 11.1564, 0.4758,
0.4307


 11.1564, 0.4758,
0.4307


198.7374, 0.3796,
0.3767


 6.1721, 0.5024,
0.4406

 27.9490, 0.4379,
0.4122


 2.9500, 0.5450,
0.4550

 40.5262, 0.4244,
0.4046


 1.1057, 0.5659,
0.4341

 56.4030, 0.4134,
0.3981

 0.0000, 1.0000,
0.0000


 75.9641, 0.4042,
0.3925


 0.0000, 0.0000,
0.0000

 99.5936, 0.3966,
0.3877

 127.6761, 0.3900,


0.3835


 160.5959, 0.3844,
0.3799


 11.1564, 0.4758,
0.4307


 11.1564, 0.4758,
0.4307


 10.3044, 0.4956,
0.4323


 12.0983, 0.4538,
0.4245

 9.5651, 0.5130,
0.4309

 13.1328, 0.4307,
0.4146

 14.2644, 0.4077,
0.4021

 15.4968, 0.3856,
0.3879

 16.8333, 0.3649,
0.3731

■ 18.2770, 0.3459,
0.3581

■ 19.8309, 0.3288,
0.3435

■ 21.4978, 0.3134,
0.3297

■ 23.2804, 0.2998,
0.3166

Harmonies

Analogous

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



11.1564, 0.4969, 0.3645



11.1564, 0.4758, 0.4307



11.1564, 0.4115, 0.4873

Triad

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



11.1564, 0.4758, 0.4307



11.1564, 0.1826, 0.3356



11.1564, 0.2753, 0.2071

Complementary

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



11.1564, 0.4758, 0.4307



5.8931, 0.1900, 0.1761

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.



11.1564, 0.2044, 0.1919



11.1564, 0.4758, 0.4307



11.1564, 0.1577, 0.2500

Square

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



11.1564, 0.4758, 0.4307



11.1564, 0.2425, 0.4403



11.1564, 0.1655, 0.2040



11.1564, 0.3702, 0.2455

Rectangle

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



11.1564, 0.4758, 0.4307



11.1564, 0.3559, 0.5041



11.1564, 0.1655, 0.2040



11.1564, 0.2482, 0.1992

Sweetspot

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



11.1570, 0.4758, 0.4307



31.1290, 0.3534, 0.3642



5.7198, 0.4627, 0.2559



7.1087, 0.3592, 0.3687



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.



11.1570, 0.4758, 0.4307



16.9526, 0.5105, 0.4299



19.5792, 0.4025, 0.4990



4.7279, 0.3265, 0.3416



9.4890, 0.5130, 0.4309



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.8931, 0.1900, 0.1761



7.4173, 0.1726, 0.1385



2.5569, 0.1723, 0.0912



4.4836, 0.2993, 0.3161



4.1093, 0.1714, 0.1369



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 11.1564, 0.4758, 0.4307 looks on a white background.

Color Contrast Check

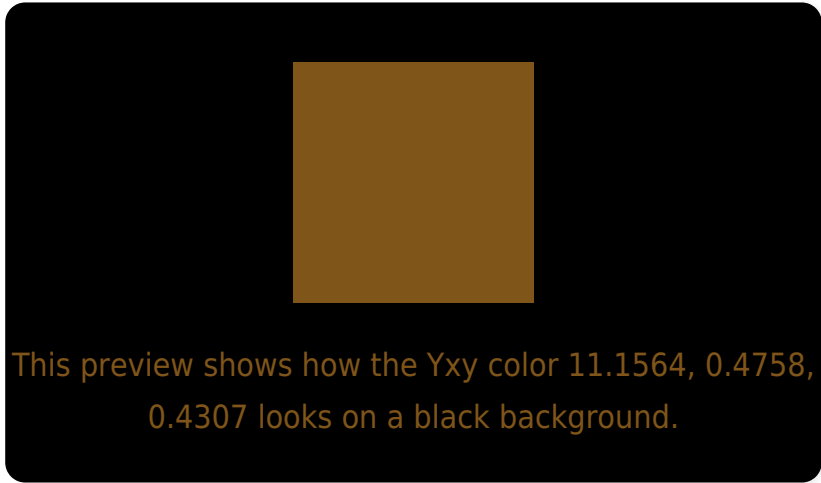
Large Text (above 18pt) WCAG AA ✓ Pass

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

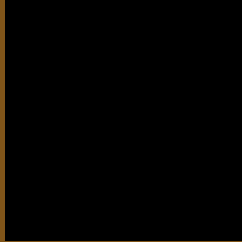
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1564, 0.4758, 0.4307

Background



This preview shows how black text looks on a background with the Yxy color 11.1564, 0.4758, 0.4307.



This preview shows how white text looks on a background with the Yxy color 11.1564, 0.4758, 0.4307.

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

11.1564, 0.4758, 0.4307

Protanopia

11.3277, 0.4221, 0.4672

Deuteranopia

11.1286, 0.4566, 0.4483



Tritanopia

11.0731, 0.3956, 0.3175

Trichromacy



Original Color

11.1564, 0.4758, 0.4307

Protanomaly

11.1342, 0.4426, 0.4534

Deuteranomaly

11.1830, 0.4622, 0.4425

Tritanomaly

10.9896, 0.4324, 0.3642

Monochromacy



Original Color

11.1564, 0.4758, 0.4307

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.4931, 0.3733, 0.3805

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1564, 0.4758, 0.4307 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(128, 85, 25)` looks like.

```
.text, #text, p{  
  color:rgb(128, 85, 25)  
}
```

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(128, 85, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 85, 25) }
```

Border

The CSS property to change the border of an element to Yxy 11.1564, 0.4758, 0.4307 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(128, 85, 25) }
```

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

```
.border{ border-color:rgb(128, 85, 25) }
```

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

Here you see how a box with a 4 pixel rgb(128, 85, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 85, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 85, 25);  
box-shadow:4px 4px 4px 4px rgb(128, 85,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1564, 0.4758, 0.4307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 85, 25) }
```

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

```
.background{ background-color: rgb(128, 85,  
25) }
```

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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