

Converting Colors

$Y_{xy}(11.3907, 0.4579, 0.4268)$

Have a look what the booklet for
Yxy(11.3907, 0.4579, 0.4268)
contains.

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Color

Yxy(11.4549, 0.4571, 0.4279)

Conversions

Conversions Part 1

Format	Color
Hex	7D5822
RGB	125, 88, 34
RGB Percent	49%, 35%, 13%
CMY	0.5098, 0.6549, 0.8667
CMYK	0.00, 0.30, 0.73, 0.51
HSL	36°, 57%, 31%
HSV	36°, 73%, 49%
XYZ	12.2366, 11.4549, 3.0786
YIQ	92.9070, 39.3860, -8.9500

Conversions

Conversions Part 2

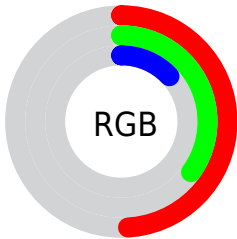
Format	Color
R_{YB}	96, 125, 34
Decimal	8214562
CIE Lab	40.34, 9.64, 36.20
CIE LCh	40, 37.464, 75.087
Yxy	11.4549, 0.4571, 0.4279
Android (android.graphics.Color)	4286404642 (0xFF7D5822)
YUV	92.9070, -29.0412, 28.1456
Hunter-Lab	33.8451, 5.3072, 18.2985

Details

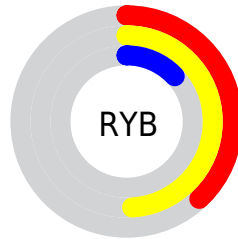
The Yxy color **11.4549, 0.4571, 0.4279** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **6.3268, 0.1991, 0.1905**, and the grayscale version is **10.9858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.5948, 0.4235, 0.4087**, and **3.1442, 0.5035, 0.4384** is the 20% darker color. If you saturate the color by 10%, you get **10.5904, 0.4782, 0.4334**, and if you desaturate by 10%, it is **12.4050, 0.4347, 0.4185**.

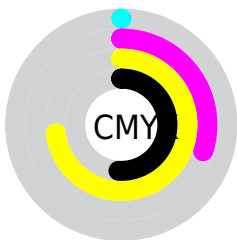
Distribution



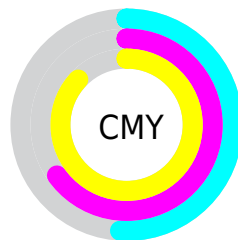
- Red (49%)
- Green (35%)
- Blue (13%)



- Red (38%)
- Yellow (49%)
- Blue (13%)



- Cyan (0%)
- Magenta (30%)
- Yellow (73%)
- Black (51%)





- Cyan (51%)
- Magenta (65%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4549, 0.4571, 0.4279 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 11.4549, 0.4571, 0.4279 by changing the saturation by 10% instead.


 11.4549, 0.4571,
0.4279


 11.4549, 0.4571,
0.4279


200.7624, 0.3713,
0.3733


 6.3737, 0.4817,
0.4400


 28.4983, 0.4228,
0.4079


 3.0736, 0.5321,
0.4679

 41.2294, 0.4108,
0.4003

 1.1703, 0.5483,
0.4517

 57.2791, 0.4010,
0.3939

 0.0372, 0.8791,
0.1209

 77.0319, 0.3930,
0.3884

 0.0000, 0.0000,
0.0000

 100.8723, 0.3862,
0.3838

 129.1846, 0.3805,

0.3798

162.3531, 0.3756,
0.3763

11.4549, 0.4571,
0.4279

11.4549, 0.4571,
0.4279

10.5904, 0.4782,
0.4334

12.4050, 0.4347,
0.4185

9.8056, 0.4968,
0.4342

13.4426, 0.4120,
0.4063

9.2822, 0.5098,
0.4334

14.5718, 0.3899,
0.3922

15.7956, 0.3691,
0.3772

17.1170, 0.3499,
0.3620

■ 18.5386, 0.3325,
0.3471

■ 20.0632, 0.3168,
0.3329

■ 21.6932, 0.3028,
0.3194

■ 23.4310, 0.2904,
0.3069

Harmonies

Analogous

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



11.4549, 0.4775, 0.3684



11.4549, 0.4571, 0.4279



11.4549, 0.3984, 0.4740

Triad

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



11.4549, 0.4571, 0.4279



11.4549, 0.1929, 0.3293



11.4549, 0.2858, 0.2203

Complementary

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



11.4549, 0.4571, 0.4279



6.3268, 0.1991, 0.1905

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.



11.4549, 0.2190, 0.2047



11.4549, 0.4571, 0.4279



11.4549, 0.1716, 0.2551

Square

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



11.4549, 0.4571, 0.4279



11.4549, 0.2459, 0.4199



11.4549, 0.1807, 0.2147



11.4549, 0.3709, 0.2572

Rectangle

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



11.4549, 0.4571, 0.4279



11.4549, 0.3478, 0.4835



11.4549, 0.1807, 0.2147



11.4549, 0.2606, 0.2125

Sweetspot

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



11.4555, 0.4571, 0.4279



30.7168, 0.3494, 0.3616



5.9707, 0.4453, 0.2607



6.8679, 0.3534, 0.3649



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



11.4555, 0.4571, 0.4279



18.0619, 0.4902, 0.4344



18.5957, 0.3960, 0.4904



4.7352, 0.3265, 0.3418



9.6726, 0.5100, 0.4332



0.0000, 0.0000, 0.0000

Inverse Universe

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



6.3268, 0.1991, 0.1905



8.3974, 0.1803, 0.1556



3.1076, 0.1858, 0.1108



4.4765, 0.2993, 0.3159



3.9871, 0.1705, 0.1337



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 11.4549, 0.4571, 0.4279 looks on a white background.

Color Contrast Check

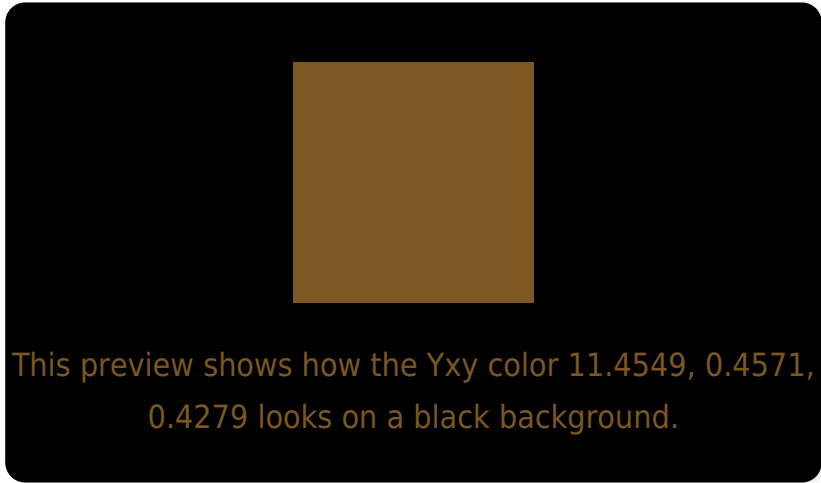
Large Text (above 18pt) WCAG AA ✓ Pass

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

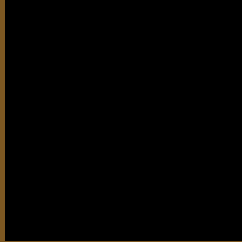
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4549, 0.4571, 0.4279

Background



This preview shows how black text looks on a background with the Yxy color 11.4549, 0.4571, 0.4279.



This preview shows how white text looks on a background with the Yxy color 11.4549, 0.4571, 0.4279.

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

11.4549, 0.4571, 0.4279

Protanopia

11.6189, 0.4137, 0.4550

Deuteranopia

11.5139, 0.4439, 0.4397



Tritanopia

11.4230, 0.3830, 0.3154

Trichromacy



Original Color

11.4549, 0.4571, 0.4279

Protanomaly

11.5275, 0.4306, 0.4449

Deuteranomaly

11.4871, 0.4487, 0.4362

Tritanomaly

11.3595, 0.4156, 0.3591

Monochromacy



Original Color

11.4549, 0.4571, 0.4279

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.9533, 0.3656, 0.3730

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4549, 0.4571, 0.4279 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(125, 88, 34)` looks like.

```
.text, #text, p{  
    color:rgb(125, 88, 34)  
}
```

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(125, 88, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 88, 34) }
```

Border

The CSS property to change the border of an element to Yxy 11.4549, 0.4571, 0.4279 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(125, 88, 34) }
```

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

```
.border{ border-color:rgb(125, 88, 34) }
```

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

Here you see how a box with a 4 pixel rgb(125, 88, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 88, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 88, 34);  
box-shadow:4px 4px 4px 4px rgb(125, 88,  
34) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4549, 0.4571, 0.4279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 88, 34) }
```

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

```
.background{ background-color: rgb(125, 88,  
34) }
```

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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