

Converting Colors

$Y_{xy}(11.0126, 0.4746, 0.4297)$

Have a look what the booklet for
Yxy(11.0126, 0.4746, 0.4297)
contains.

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Color

Yxy(10.9273, 0.4752, 0.4288)

Conversions

Conversions Part 1

Format	Color
Hex	7F541A
RGB	127, 84, 26
RGB Percent	50%, 33%, 10%
CMY	0.5019, 0.6706, 0.8982
CMYK	0.00, 0.34, 0.80, 0.50
HSL	34°, 66%, 30%
HSV	34°, 80%, 50%
XYZ	12.1097, 10.9273, 2.4464
YIQ	90.2450, 44.2460, -8.9220

Conversions

Conversions Part 2

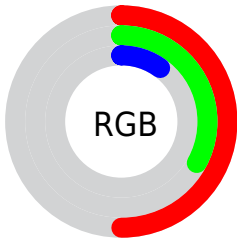
Format	Color
R_{YB}	101, 127, 26
Decimal	8344602
CIE _{Lab}	39.46, 12.55, 39.18
CIE _{LCh}	39, 41.143, 72.235
Yxy	10.9273, 0.4752, 0.4288
Android (android.graphics.Color)	4286534682 (0xFF7F541A)
YUV	90.2450, -31.6728, 32.2341
Hunter-Lab	33.0565, 7.5419, 18.7517

Details

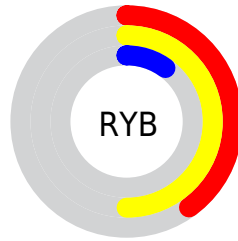
The Yxy color **10.9273, 0.4752, 0.4288** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **6.0051, 0.1917, 0.1804**, and the grayscale version is **10.3472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6119, 0.4361, 0.4111**, and **2.9069, 0.5197, 0.4256** is the 20% darker color. If you saturate the color by 10%, you get **10.0761, 0.4956, 0.4307**, and if you desaturate by 10%, it is **11.8696, 0.4527, 0.4224**.

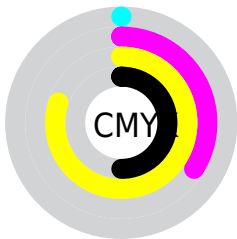
Distribution



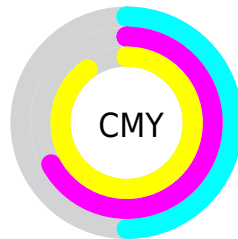
- Red (50%)
- Green (33%)
- Blue (10%)



- Red (40%)
- 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 10.9273, 0.4752, 0.4288 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 10.9273, 0.4752, 0.4288 by changing the saturation by 10% instead.


 10.9273, 0.4752,
0.4288


 10.9273, 0.4752,
0.4288


197.1681, 0.3788,
0.3755

 6.0180, 0.5022,
0.4386

 27.5257, 0.4370,
0.4104


 2.8560, 0.5464,
0.4536

 39.9835, 0.4235,
0.4029


 1.0570, 0.5681,
0.4319

 55.7262, 0.4125,
0.3965

 0.0000, 1.0000,
0.0000

 75.1383, 0.4033,
0.3911


 0.0000, 0.0000,
0.0000


 98.6042, 0.3957,
0.3863


 126.5082, 0.3892,


0.3823


 159.2347, 0.3836,
0.3787


 10.9273, 0.4752,
0.4288


 10.9273, 0.4752,
0.4288


 10.0761, 0.4956,
0.4307


 11.8696, 0.4527,
0.4224


 9.3038, 0.5144,
0.4291

 12.9057, 0.4292,
0.4123

 9.2706, 0.5153,
0.4291

 14.0400, 0.4060,
0.3998

 15.2762, 0.3838,
0.3857

 16.6176, 0.3631,
0.3710

■ 18.0672, 0.3443,
0.3563

■ 19.6282, 0.3273,
0.3420

■ 21.3032, 0.3121,
0.3284

■ 23.0951, 0.2986,
0.3156

Harmonies

Analogous

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



10.9273, 0.4948, 0.3632



10.9273, 0.4752, 0.4288



10.9273, 0.4123, 0.4849

Triad

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



10.9273, 0.4752, 0.4288



10.9273, 0.1847, 0.3376



10.9273, 0.2741, 0.2076

Complementary

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



10.9273, 0.4752, 0.4288



6.0051, 0.1917, 0.1804

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.



10.9273, 0.2043, 0.1931



10.9273, 0.4752, 0.4288



10.9273, 0.1593, 0.2522

Square

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



10.9273, 0.4752, 0.4288



10.9273, 0.2448, 0.4407



10.9273, 0.1664, 0.2058



10.9273, 0.3678, 0.2454

Rectangle

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



10.9273, 0.4752, 0.4288



10.9273, 0.3574, 0.5020



10.9273, 0.1664, 0.2058



10.9273, 0.2474, 0.2000

Sweetspot

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



10.9279, 0.4752, 0.4288



31.0228, 0.3535, 0.3637



5.6892, 0.4599, 0.2560



7.0812, 0.3593, 0.3681



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.



10.9279, 0.4752, 0.4288



16.9701, 0.5093, 0.4288



19.2675, 0.4020, 0.4978



4.7222, 0.3265, 0.3414



9.3459, 0.5153, 0.4290



0.0000, 0.0000, 0.0000

Inverse Universe

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



6.0051, 0.1917, 0.1804



7.8719, 0.1748, 0.1448



2.5885, 0.1737, 0.0933



4.4892, 0.2993, 0.3163



4.2089, 0.1721, 0.1394



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 10.9273, 0.4752, 0.4288 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



This preview shows how the Yxy color 10.9273, 0.4752, 0.4288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

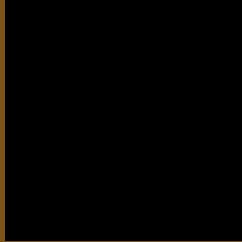
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9273, 0.4752, 0.4288

Background



This preview shows how black text looks on a background with the Yxy color 10.9273, 0.4752, 0.4288.



This preview shows how white text looks on a background with the Yxy color 10.9273, 0.4752, 0.4288.

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

10.9273, 0.4752, 0.4288

Protanopia

11.0925, 0.4210, 0.4653

Deuteranopia

10.9926, 0.4526, 0.4493



Tritanopia

10.8347, 0.3964, 0.3174

Trichromacy



Original Color

10.9273, 0.4752, 0.4288

Protanomaly

10.9022, 0.4417, 0.4515

Deuteranomaly

10.9515, 0.4615, 0.4407

Tritanomaly

10.7633, 0.4318, 0.3626

Monochromacy



Original Color

10.9273, 0.4752, 0.4288

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.2683, 0.3722, 0.3786

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9273, 0.4752, 0.4288 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(127, 84, 26)` looks like.

```
.text, #text, p{  
  color:rgb(127, 84, 26)  
}
```

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(127, 84, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 84, 26) }
```

Border

The CSS property to change the border of an element to Yxy 10.9273, 0.4752, 0.4288 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(127, 84, 26) }
```

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

```
.border{ border-color:rgb(127, 84, 26) }
```

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

Here you see how a box with a 4 pixel rgb(127, 84, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 84, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 84, 26);  
box-shadow:4px 4px 4px 4px rgb(127, 84,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9273, 0.4752, 0.4288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 84, 26) }
```

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

```
.background{ background-color: rgb(127, 84,  
26) }
```

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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