

Converting Colors

$Y_{xy}(11.3011, 0.4940, 0.3667)$

Have a look what the booklet for
Yxy(11.3011, 0.4940, 0.3667)
contains.

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Color

Yxy(11.2827, 0.4932, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	944931
RGB	148, 73, 49
RGB Percent	58%, 29%, 19%
CMY	0.4196, 0.7137, 0.8078
CMYK	0.00, 0.51, 0.67, 0.42
HSL	15°, 50%, 39%
HSV	15°, 67%, 58%
XYZ	15.1501, 11.2827, 4.2852
YIQ	92.6890, 52.4040, 8.4360

Conversions

Conversions Part 2

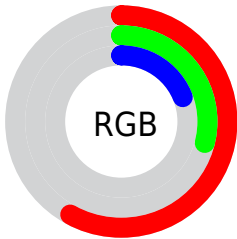
Format	Color
R_{YB}	148, 81, 49
Decimal	9718065
CIE _{Lab}	40.05, 29.49, 28.61
CIE _{LCh}	40, 41.092, 44.131
Yxy	11.2827, 0.4932, 0.3673
Android (android.graphics.Color)	4287908145 (0xFF944931)
YUV	92.6890, -21.5387, 48.5077
Hunter-Lab	33.5897, 21.7274, 15.9490

Details

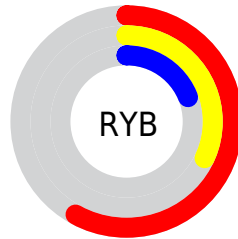
The Yxy color **11.2827, 0.4932, 0.3673** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **17.2072, 0.2242, 0.2792**, and the grayscale version is **10.9124, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1323, 0.4474, 0.3632**, and **2.9771, 0.5852, 0.3647** is the 20% darker color. If you saturate the color by 10%, you get **9.8353, 0.5319, 0.3680**, and if you desaturate by 10%, it is **13.0381, 0.4554, 0.3638**.

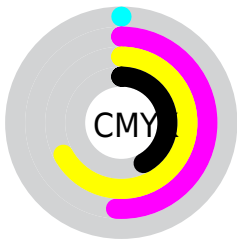
Distribution



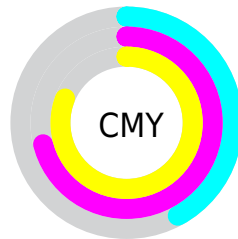
- Red (58%)
- Green (29%)
- Blue (19%)



- Red (58%)
- Yellow (32%)
- Blue (19%)



- Cyan (0%)
- Magenta (51%)
- Yellow (67%)
- Black (42%)





- Cyan (42%)
- Magenta (71%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2827, 0.4932, 0.3673 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 11.2827, 0.4932, 0.3673 by changing the saturation by 10% instead.


 11.2827, 0.4932,
0.3673


 11.2827, 0.4932,
0.3673


199.5969, 0.3828,
0.3510

 6.2573, 0.5285,
0.3670


 28.1818, 0.4474,
0.3635


 3.0022, 0.5843,
0.3650

 40.8242, 0.4319,
0.3612


 1.1329, 0.6567,
0.3433

 56.7745, 0.4196,
0.3591

 0.0058, 0.9920,
0.0080

 76.4170, 0.4095,
0.3571

 0.0000, 0.0000,
0.0000

 100.1361, 0.4011,
0.3554

 128.3162, 0.3940,

0.3538

161.3416, 0.3880,
0.3523

■ 11.2827, 0.4932,
0.3673

■ 11.2827, 0.4932,
0.3673

■ 9.8353, 0.5319,
0.3680

■ 13.0381, 0.4554,
0.3638

■ 8.6755, 0.5679,
0.3649

■ 15.1164, 0.4208,
0.3585

■ 7.7814, 0.5978,
0.3585

■ 17.5339, 0.3903,
0.3523

■ 7.5506, 0.6065,
0.3566

■ 20.3051, 0.3642,
0.3457

■ 23.4437, 0.3422,
0.3392

■ 26.9625, 0.3237,
0.3330

■ 30.8738, 0.3082,
0.3273

■ 35.1895, 0.2952,
0.3219

■ 39.9206, 0.2843,
0.3171

Harmonies

Analogous

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



11.2827, 0.4572, 0.3043



11.2827, 0.4932, 0.3673



11.2827, 0.4707, 0.4321

Triad

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



11.2827, 0.4932, 0.3673



11.2827, 0.2410, 0.4333



11.2827, 0.2089, 0.1945

Complementary

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



11.2827, 0.4932, 0.3673



17.2072, 0.2242, 0.2792

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.



11.2827, 0.1692, 0.2054



11.2827, 0.4932, 0.3673



11.2827, 0.1834, 0.3314

Square

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



11.2827, 0.4932, 0.3673



11.2827, 0.3229, 0.4959



11.2827, 0.1602, 0.2491



11.2827, 0.2799, 0.2105

Rectangle

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



11.2827, 0.4932, 0.3673



11.2827, 0.4313, 0.4708



11.2827, 0.1602, 0.2491



11.2827, 0.1922, 0.1949

Sweetspot

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



11.2833, 0.4932, 0.3673



39.3456, 0.3495, 0.3415



9.9711, 0.3590, 0.2105



8.6582, 0.3551, 0.3431



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



11.2833, 0.4932, 0.3673



16.3289, 0.5494, 0.3670



20.3396, 0.4295, 0.4440



6.0302, 0.3277, 0.3344



6.4867, 0.6054, 0.3575



0.1195, 0.5348, 0.4136

Inverse Universe

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



17.2072, 0.2242, 0.2792



27.3532, 0.2124, 0.2662



7.8781, 0.1986, 0.1709



6.3265, 0.2990, 0.3235



11.7911, 0.2030, 0.2506



0.1901, 0.2143, 0.2915

Previews

White Background



This preview shows how the Yxy color 11.2827, 0.4932, 0.3673 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 11.2827, 0.4932, 0.3673 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 11.2827, 0.4932, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 11.2827, 0.4932, 0.3673.



This preview shows how white text looks on a background with the Yxy color 11.2827, 0.4932, 0.3673.

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

11.2827, 0.4932, 0.3673

Protanopia

11.4229, 0.3835, 0.4156

Deuteranopia

11.2837, 0.4277, 0.4209



Tritanopia

11.2779, 0.4513, 0.3210

Trichromacy



Original Color

11.2827, 0.4932, 0.3673

Protanomaly

11.0758, 0.4236, 0.3970

Deuteranomaly

11.1271, 0.4526, 0.4008

Tritanomaly

11.2894, 0.4676, 0.3377

Monochromacy



Original Color

11.2827, 0.4932, 0.3673

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.7021, 0.3743, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2827, 0.4932, 0.3673 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(148, 73, 49)` looks like.

```
.text, #text, p{  
    color:rgb(148, 73, 49)  
}
```

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(148, 73, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 73, 49) }
```

Border

The CSS property to change the border of an element to Yxy 11.2827, 0.4932, 0.3673 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(148, 73, 49) }
```

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

```
.border{ border-color:rgb(148, 73, 49) }
```

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

Here you see how a box with a 4 pixel rgb(148, 73, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 73, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 73, 49);  
box-shadow:4px 4px 4px 4px rgb(148, 73,  
49) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2827, 0.4932, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 73, 49) }
```

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

```
.background{ background-color: rgb(148, 73,  
49) }
```

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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