

Converting Colors

$Y_{xy}(14.5109, 0.4857, 0.4024)$

Have a look what the booklet for
Yxy(14.5109, 0.4857, 0.4024)
contains.

Yxy(14.5194, 0.4847, 0.4025)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.5194, 0.4847, 0.4025)

Conversions

Conversions Part 1

Format	Color
Hex	9A5B2A
RGB	154, 91, 42
RGB Percent	60%, 36%, 16%
CMY	0.3961, 0.6431, 0.8354
CMYK	0.00, 0.41, 0.73, 0.40
HSL	26°, 57%, 38%
HSV	26°, 73%, 60%
XYZ	17.4846, 14.5194, 4.0690
YIQ	104.2510, 53.2770, -1.8830

Conversions

Conversions Part 2

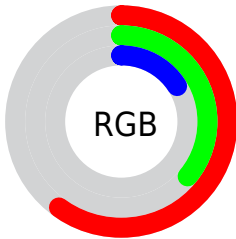
Format	Color
RYB	154, 129, 42
Decimal	10115882
CIELab	44.97, 21.57, 38.25
CIELCh	45, 43.914, 60.584
Yxy	14.5194, 0.4847, 0.4025
Android (android.graphics.Color)	4288305962 (0xFF9A5B2A)
YUV	104.2510, -30.6897, 43.6299
Hunter-Lab	38.1043, 15.2242, 20.3416

Details

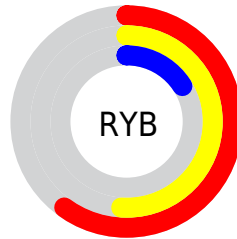
The Yxy color **14.5194, 0.4847, 0.4025** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.9205, 0.2069, 0.2259**, and the grayscale version is **13.9874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0812, 0.4447, 0.3919**, and **4.3980, 0.5462, 0.4045** is the 20% darker color. If you saturate the color by 10%, you get **13.0342, 0.5135, 0.4042**, and if you desaturate by 10%, it is **16.2194, 0.4549, 0.3967**.

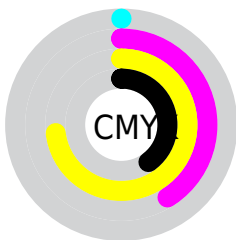
Distribution



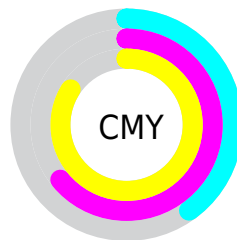
- Red (60%)
- Green (36%)
- Blue (16%)



- Red (60%)
- Yellow (51%)
- Blue (16%)



- Cyan (0%)
- Magenta (41%)
- Yellow (73%)
- Black (40%)





- Cyan (40%)
- Magenta (64%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5194, 0.4847, 0.4025 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 14.5194, 0.4847, 0.4025 by changing the saturation by 10% instead.


 14.5194, 0.4847,
0.4025


 14.5194, 0.4847,
0.4025


220.4385, 0.3848,
0.3671


 8.4828, 0.5128,
0.4074


 34.0078, 0.4454,
0.3915

 4.4054, 0.5552,
0.4134

 48.2284, 0.4315,
0.3866


 1.9028, 0.5983,
0.4017

 65.9458, 0.4200,
0.3822

 0.5501, 0.6598,
0.3402

 87.5444, 0.4106,
0.3784

 0.0000, 0.0000,
0.0000

 113.4086, 0.4026,
0.3751

 143.9227, 0.3958,

0.3721

179.4713, 0.3899,
0.3695

■ 14.5194, 0.4847,
0.4025

■ 14.5194, 0.4847,
0.4025

■ 13.0342, 0.5135,
0.4042

■ 16.2194, 0.4549,
0.3967

■ 11.7504, 0.5394,
0.4007

■ 18.1417, 0.4258,
0.3878

■ 10.9323, 0.5566,
0.3962

■ 20.2962, 0.3987,
0.3772

■ 22.6914, 0.3742,
0.3657

■ 25.3351, 0.3524,
0.3540

■ 28.2349, 0.3334,
0.3427

■ 31.3981, 0.3169,
0.3318

■ 34.8315, 0.3025,
0.3217

■ 38.5418, 0.2902,
0.3124

Harmonies

Analogous

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



14.5194, 0.4815, 0.3385



14.5194, 0.4847, 0.4025



14.5194, 0.4377, 0.4628

Triad

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



14.5194, 0.4847, 0.4025



14.5194, 0.2071, 0.3771



14.5194, 0.2452, 0.2020

Complementary

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



14.5194, 0.4847, 0.4025



12.9205, 0.2069, 0.2259

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.



14.5194, 0.1889, 0.1977



14.5194, 0.4847, 0.4025



14.5194, 0.1686, 0.2827

Square

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



14.5194, 0.4847, 0.4025



14.5194, 0.2771, 0.4674



14.5194, 0.1634, 0.2223



14.5194, 0.3296, 0.2307

Rectangle

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



14.5194, 0.4847, 0.4025



14.5194, 0.3888, 0.4906



14.5194, 0.1634, 0.2223



14.5194, 0.2230, 0.1977

Sweetspot

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



14.5202, 0.4847, 0.4025



46.1776, 0.3518, 0.3537



9.5531, 0.4107, 0.2346



10.1700, 0.3570, 0.3566



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



14.5202, 0.4847, 0.4025



22.2364, 0.5295, 0.4027



27.7576, 0.4146, 0.4775



6.6453, 0.3273, 0.3388



8.9763, 0.5553, 0.3973



0.2048, 0.4893, 0.4497

Inverse Universe

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



12.9205, 0.2069, 0.2259



19.0610, 0.1916, 0.1993



5.0586, 0.1792, 0.1147



6.5735, 0.2989, 0.3190



7.4728, 0.1840, 0.1824



0.1840, 0.2031, 0.2511

Previews

White Background



This preview shows how the Yxy color 14.5194, 0.4847, 0.4025 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 14.5194, 0.4847, 0.4025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

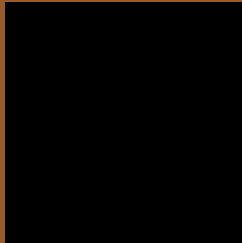
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5194, 0.4847, 0.4025

Background



This preview shows how black text looks on a background with the Yxy color 14.5194, 0.4847, 0.4025.



This preview shows how white text looks on a background with the Yxy color 14.5194, 0.4847, 0.4025.

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

14.5194, 0.4847, 0.4025

Protanopia

14.6426, 0.4075, 0.4460

Deuteranopia

14.6358, 0.4429, 0.4383



Tritanopia

14.5964, 0.4194, 0.3194

Trichromacy



Original Color

14.5194, 0.4847, 0.4025

Protanomaly

14.4024, 0.4366, 0.4295

Deuteranomaly

14.5513, 0.4591, 0.4246

Tritanomaly

14.5418, 0.4465, 0.3522

Monochromacy



Original Color

14.5194, 0.4847, 0.4025

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.6553, 0.3745, 0.3660

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5194, 0.4847, 0.4025 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(154, 91, 42)` looks like.

```
.text, #text, p{  
    color:rgb(154, 91, 42)  
}
```

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(154, 91, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 91, 42) }
```

Border

The CSS property to change the border of an element to Yxy 14.5194, 0.4847, 0.4025 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(154, 91, 42) }
```

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

```
.border{ border-color:rgb(154, 91, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 91, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 91, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 91, 42);  
box-shadow:4px 4px 4px 4px rgb(154, 91,  
42) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5194, 0.4847, 0.4025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 91, 42) }
```

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

```
.background{ background-color: rgb(154, 91,  
42) }
```

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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