

Converting Colors

$Y_{xy}(14.8672, 0.3901, 0.5107)$

Have a look what the booklet for
Yxy(14.8672, 0.3901, 0.5107)
contains.

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Color

Yxy(14.9611, 0.3894, 0.5113)

Conversions

Conversions Part 1

Format	Color
Hex	637313
RGB	99, 115, 19
RGB Percent	39%, 45%, 7%
CMY	0.6118, 0.5490, 0.9253
CMYK	0.14, 0.00, 0.83, 0.55
HSL	70°, 72%, 26%
HSV	70°, 83%, 45%
XYZ	11.3942, 14.9611, 2.9056
YIQ	99.2720, 21.2800, -33.2480

Conversions

Conversions Part 2

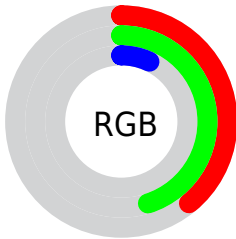
Format	Color
R_{YB}	19, 115, 35
Decimal	6517523
CIE Lab	45.58, -18.90, 46.41
CIE LCh	46, 50.107, 112.155
Yxy	14.9611, 0.3894, 0.5113
Android (android.graphics.Color)	4284707603 (0xFF637313)
YUV	99.2720, -39.5741, -0.2385
Hunter-Lab	38.6796, -15.1069, 22.6218

Details

The Yxy color **14.9611, 0.3894, 0.5113** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.0638, 0.1789, 0.0917**, and the grayscale version is **12.6493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.8776, 0.3781, 0.4689**, and **4.6673, 0.3776, 0.5384** is the 20% darker color. If you saturate the color by 10%, you get **14.8244, 0.3908, 0.5215**, and if you desaturate by 10%, it is **15.1205, 0.3856, 0.4971**.

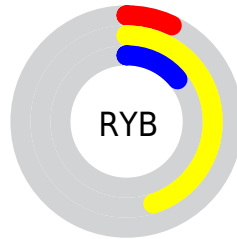
Distribution



Red (39%)

Green (45%)

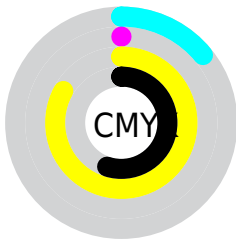
Blue (7%)



Red (7%)

Yellow (45%)

Blue (14%)

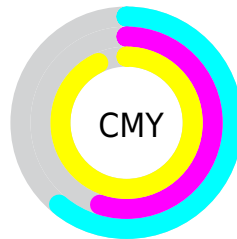


Cyan (14%)

Magenta (0%)

Yellow (83%)

Black (55%)



Cyan (61%)


Magenta (55%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9611, 0.3894, 0.5113 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 14.9611, 0.3894, 0.5113 by changing the saturation by 10% instead.


 14.9611, 0.3894,
0.5113


 14.9611, 0.3894,
0.5113


 223.1307, 0.3515,
0.4039

 8.7921, 0.3942,
0.5414


 34.7849, 0.3776,
0.4688


 4.6058, 0.4049,
0.5951

 49.2085, 0.3723,
0.4538


 2.0179, 0.3777,
0.6223

 67.1524, 0.3676,
0.4415

 0.6178, 0.1693,
0.8307


 89.0011, 0.3635,
0.4313


 0.0000, 0.0000,
0.0000


 115.1388, 0.3599,
0.4228


 145.9501, 0.3568,


0.4155


 181.8192, 0.3540,
0.4093


 14.9611, 0.3894,
0.5113


 14.9611, 0.3894,
0.5113

 14.8244, 0.3908,
0.5215


 15.1205, 0.3856,
0.4971

 14.7391, 0.3914,
0.5275

 15.3034, 0.3796,
0.4792

 15.5125, 0.3716,
0.4581

 15.7497, 0.3620,
0.4348

 16.0168, 0.3512,
0.4103

■ 16.3151, 0.3398,
0.3853

■ 16.6462, 0.3282,
0.3607

■ 17.0114, 0.3166,
0.3369

■ 17.4119, 0.3054,
0.3143

Harmonies

Analogous

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



14.9611, 0.4684, 0.4566



14.9611, 0.3894, 0.5113



14.9611, 0.2964, 0.5061

Triad

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



14.9611, 0.3894, 0.5113



14.9611, 0.1469, 0.2236



14.9611, 0.4073, 0.2562

Complementary

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



14.9611, 0.3894, 0.5113



2.0638, 0.1789, 0.0917

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.



14.9611, 0.3019, 0.2093



14.9611, 0.3894, 0.5113



14.9611, 0.1652, 0.1880

Square

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



14.9611, 0.3894, 0.5113



14.9611, 0.1612, 0.3018



14.9611, 0.2164, 0.1852



14.9611, 0.4899, 0.3179

Rectangle

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



14.9611, 0.3894, 0.5113



14.9611, 0.2378, 0.4533



14.9611, 0.2164, 0.1852



14.9611, 0.3721, 0.2385

Sweetspot

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



14.9618, 0.3894, 0.5113



29.0904, 0.3424, 0.3909



4.8970, 0.5629, 0.3538



6.9039, 0.3456, 0.3979



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



14.9618, 0.3894, 0.5113



26.3435, 0.3906, 0.5280



13.0139, 0.3260, 0.5571



4.2369, 0.3231, 0.3501



16.8414, 0.3912, 0.5276



81.7510, 0.3896, 0.5288

Inverse Universe

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



2.0638, 0.1789, 0.0917



2.4244, 0.1582, 0.0645



3.5454, 0.2556, 0.1314



3.6165, 0.3018, 0.3073



1.5682, 0.1595, 0.0652



7.3814, 0.1562, 0.0634

Previews

White Background



This preview shows how the Yxy color 14.9611, 0.3894, 0.5113 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 14.9611, 0.3894, 0.5113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

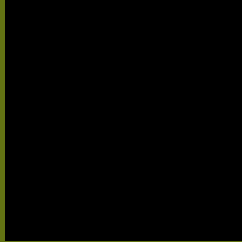
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9611, 0.3894, 0.5113

Background



This preview shows how black text looks on a background with the Yxy color 14.9611, 0.3894, 0.5113.



This preview shows how white text looks on a background with the Yxy color 14.9611, 0.3894, 0.5113.

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

14.9611, 0.3894, 0.5113

Protanopia

14.8305, 0.4324, 0.4804

Deuteranopia

14.8161, 0.4574, 0.4487



Tritanopia

14.9413, 0.3040, 0.3125

Trichromacy



Original Color

14.9611, 0.3894, 0.5113

Protanomaly

14.9233, 0.4158, 0.4923

Deuteranomaly

14.7923, 0.4330, 0.4713

Tritanomaly

14.7343, 0.3441, 0.3946

Monochromacy



Original Color

14.9611, 0.3894, 0.5113

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

13.1980, 0.3505, 0.4093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9611, 0.3894, 0.5113 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(99, 115, 19)` looks like.

```
.text, #text, p{  
    color:rgb(99, 115, 19)  
}
```

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(99, 115, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 115, 19) }
```

Border

The CSS property to change the border of an element to Yxy 14.9611, 0.3894, 0.5113 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(99, 115, 19) }
```

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

```
.border{ border-color:rgb(99, 115, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 115, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 115, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 115, 19);  
box-shadow:4px 4px 4px 4px rgb(99, 115,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9611, 0.3894, 0.5113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 115, 19) }
```

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

```
.background{ background-color: rgb(99, 115,  
19) }
```

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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