

Converting Colors

$Y_{xy}(14.0662, 0.4945, 0.4339)$

Have a look what the booklet for
Yxy(14.0662, 0.4945, 0.4339)
contains.

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Color

Yxy(14.0662, 0.4945, 0.4339)

Conversions

Conversions Part 1

Format	Color
Hex	935D0F
RGB	147, 93, 15
RGB Percent	58%, 36%, 6%
CMY	0.4236, 0.6352, 0.9413
CMYK	0.00, 0.37, 0.90, 0.42
HSL	35°, 82%, 32%
HSV	35°, 90%, 58%
XYZ	16.0307, 14.0662, 2.3211
YIQ	100.2540, 57.2220, -12.8100

Conversions

Conversions Part 2

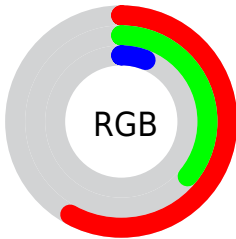
Format	Color
RYB	106, 147, 15
Decimal	9657615
CIELab	44.33, 16.22, 48.56
CIELCh	44, 51.196, 71.528
Yxy	14.0662, 0.4945, 0.4339
Android (android.graphics.Color)	4287847695 (0xFF935D0F)
YUV	100.2540, -42.0302, 40.9962
Hunter-Lab	37.5049, 10.6626, 22.5841

Details

The Yxy color **14.0662, 0.4945, 0.4339** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.4571, 0.1786, 0.1520**, and the grayscale version is **12.9108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0414, 0.4561, 0.4181**, and **4.2572, 0.5263, 0.4203** is the 20% darker color. If you saturate the color by 10%, you get **13.0191, 0.5118, 0.4316**, and if you desaturate by 10%, it is **15.2215, 0.4750, 0.4323**.

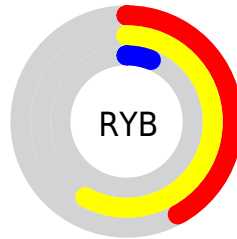
Distribution



Red (58%)

Green (36%)

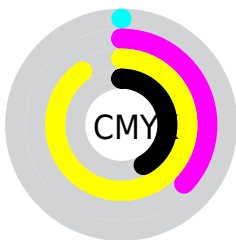
Blue (6%)



Red (42%)

Yellow (58%)

Blue (6%)

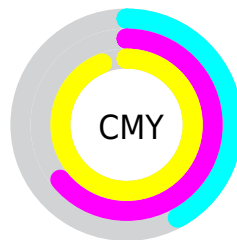


Cyan (0%)

Magenta (37%)

Yellow (90%)

Black (42%)



Cyan (42%)


Magenta (64%)

Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0662, 0.4945, 0.4339 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 14.0662, 0.4945, 0.4339 by changing the saturation by 10% instead.


 14.0662, 0.4945,
0.4339


 14.0662, 0.4945,
0.4339


217.6423, 0.3925,
0.3834

 8.1667, 0.5196,
0.4403


 33.2064, 0.4565,
0.4187


 4.2018, 0.5540,
0.4460

 47.2160, 0.4422,
0.4117


 1.7871, 0.5745,
0.4255

 64.6977, 0.4303,
0.4054

 0.4791, 0.6399,
0.3601


 86.0360, 0.4203,
0.3999


 0.0000, 0.0000,
0.0000


 111.6151, 0.4118,
0.3950


 141.8197, 0.4044,


0.3907


 177.0339, 0.3981,
0.3868


 14.0662, 0.4945,
0.4339


 14.0662, 0.4945,
0.4339


 13.0191, 0.5118,
0.4316


 15.2215, 0.4750,
0.4323

 13.0000, 0.5122,
0.4315

 16.4958, 0.4531,
0.4260

 17.8958, 0.4301,
0.4159

 19.4271, 0.4071,
0.4030

 21.0946, 0.3849,
0.3885

■ 22.9028, 0.3641,
0.3732

■ 24.8560, 0.3451,
0.3579

■ 26.9584, 0.3278,
0.3430

■ 29.2138, 0.3124,
0.3287

Harmonies

Analogous

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



14.0662, 0.5186, 0.3612



14.0662, 0.4945, 0.4339



14.0662, 0.4226, 0.5016

Triad

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



14.0662, 0.4945, 0.4339



14.0662, 0.1698, 0.3398



14.0662, 0.2660, 0.1937

Complementary

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



14.0662, 0.4945, 0.4339



6.4571, 0.1786, 0.1520

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.



14.0662, 0.1901, 0.1782



14.0662, 0.4945, 0.4339



14.0662, 0.1427, 0.2422

Square

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



14.0662, 0.4945, 0.4339



14.0662, 0.2360, 0.4617



14.0662, 0.1501, 0.1916



14.0662, 0.3720, 0.2342

Rectangle

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



14.0662, 0.4945, 0.4339



14.0662, 0.3613, 0.5266



14.0662, 0.1501, 0.1916



14.0662, 0.2366, 0.1855

Sweetspot

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



14.0669, 0.4945, 0.4339



41.7922, 0.3597, 0.3697



6.9844, 0.4978, 0.2613



9.3032, 0.3658, 0.3745



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.



14.0669, 0.4945, 0.4339



22.9323, 0.5145, 0.4297



26.1290, 0.4036, 0.5103



6.3509, 0.3269, 0.3421



11.3226, 0.5115, 0.4321



0.1967, 0.4624, 0.4710

Inverse Universe

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



6.4571, 0.1786, 0.1520



9.2485, 0.1690, 0.1285



2.6664, 0.1613, 0.0734



5.9991, 0.2989, 0.3156



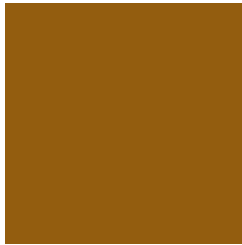
4.6836, 0.1703, 0.1331



0.1129, 0.1933, 0.2157

Previews

White Background



This preview shows how the Yxy color 14.0662, 0.4945, 0.4339 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 14.0662, 0.4945, 0.4339 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 14.0662, 0.4945, 0.4339

Background



This preview shows how black text looks on a background with the Yxy color 14.0662, 0.4945, 0.4339.



This preview shows how white text looks on a background with the Yxy color 14.0662, 0.4945, 0.4339.

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

14.0662, 0.4945, 0.4339

Protanopia

14.2770, 0.4315, 0.4783

Deuteranopia

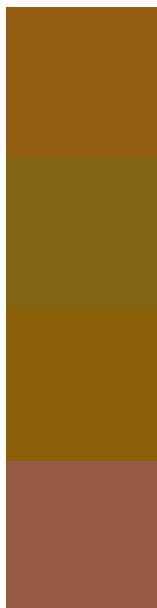
14.1162, 0.4669, 0.4619



Tritanopia

14.1860, 0.4081, 0.3190

Trichromacy



Original Color

14.0662, 0.4945, 0.4339

Protanomaly

14.0182, 0.4547, 0.4614

Deuteranomaly

13.9746, 0.4779, 0.4509

Tritanomaly

14.0104, 0.4511, 0.3695

Monochromacy



Original Color

14.0662, 0.4945, 0.4339

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.7610, 0.3859, 0.3882

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0662, 0.4945, 0.4339 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(147, 93, 15)` looks like.

```
.text, #text, p{  
  color:rgb(147, 93, 15)  
}
```

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(147, 93, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 93, 15) }
```

Border

The CSS property to change the border of an element to Yxy 14.0662, 0.4945, 0.4339 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(147, 93, 15) }
```

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

```
.border{ border-color:rgb(147, 93, 15) }
```

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

Here you see how a box with a 4 pixel rgb(147, 93, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 93, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 93, 15);  
box-shadow:4px 4px 4px 4px rgb(147, 93,  
15) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0662, 0.4945, 0.4339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 93, 15) }
```

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

```
.background{ background-color: rgb(147, 93,  
15) }
```

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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