

Converting Colors

$Y_{xy}(14.8309, 0.4946, 0.4455)$

Have a look what the booklet for
Yxy(14.8309, 0.4946, 0.4455)
contains.

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Color

Yxy(14.8453, 0.4947, 0.4454)

Conversions

Conversions Part 1

Format	Color
Hex	946100
RGB	148, 97, 0
RGB Percent	58%, 38%, 0%
CMY	0.4196, 0.6196, 1.0000
CMYK	0.00, 0.34, 1.00, 0.42
HSL	39°, 100%, 29%
HSV	39°, 100%, 58%
XYZ	16.4885, 14.8453, 1.9965
YIQ	101.1910, 61.5330, -19.3550

Conversions

Conversions Part 2

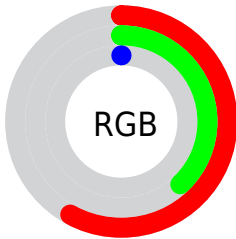
Format	Color
RYB	78, 148, 0
Decimal	9724160
CIELab	45.42, 14.11, 53.16
CIELCh	45, 55.001, 75.135
Yxy	14.8453, 0.4947, 0.4454
Android (android.graphics.Color)	4287914240 (0xFF946100)
YUV	101.1910, -49.8872, 41.0515
Hunter-Lab	38.5296, 8.9611, 23.8985

Details

The Yxy color **14.8453, 0.4947, 0.4454** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.5073, 0.1650, 0.1139**, and the grayscale version is **13.1863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7715, 0.4588, 0.4296**, and **4.6430, 0.5163, 0.4283** is the 20% darker color. If you saturate the color by 10%, you get **14.8455, 0.4947, 0.4454**, and if you desaturate by 10%, it is **15.8532, 0.4803, 0.4463**.

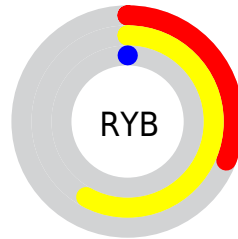
Distribution



Red (58%)

Green (38%)

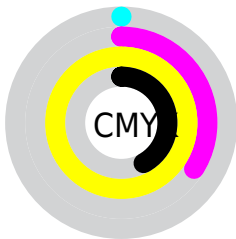
Blue (0%)



Red (31%)

Yellow (58%)

Blue (0%)

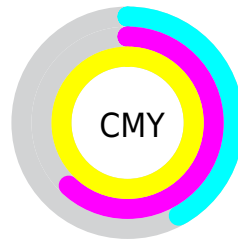


Cyan (0%)

Magenta (34%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.8453, 0.4947, 0.4454 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 14.8453, 0.4947, 0.4454 by changing the saturation by 10% instead.

14.8453, 0.4947,
0.4454

14.8453, 0.4947,
0.4454

222.4279, 0.3954,
0.3901

8.7109, 0.5182,
0.4530

34.5816, 0.4589,
0.4290

4.5531, 0.5442,
0.4558

48.9522, 0.4451,
0.4214

1.9875, 0.5613,
0.4387

66.8370, 0.4334,
0.4145

0.6002, 0.6044,
0.3956


88.6205, 0.4234,
0.4084

0.0000, 0.0000,
0.0000

114.6869, 0.4148,
0.4030


145.4207, 0.4074,

0.3982


 181.2062, 0.4010,
0.3939


 14.8453, 0.4947,
0.4454


 14.8453, 0.4947,
0.4454


 14.8455, 0.4947,
0.4454

 15.8532, 0.4803,
0.4463

 16.9460, 0.4638,
0.4435

 18.1369, 0.4449,
0.4361

 19.4315, 0.4245,
0.4248

 20.8346, 0.4036,
0.4107

■ 22.3505, 0.3829,
0.3948

■ 23.9832, 0.3632,
0.3781

■ 25.7364, 0.3448,
0.3612

■ 27.6136, 0.3280,
0.3447

Harmonies

Analogous

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



14.8453, 0.5292, 0.3694



14.8453, 0.4947, 0.4454



14.8453, 0.4147, 0.5157

Triad

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



14.8453, 0.4947, 0.4454



14.8453, 0.1577, 0.3247



14.8453, 0.2753, 0.1918

Complementary

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



14.8453, 0.4947, 0.4454



4.5073, 0.1650, 0.1139

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.



14.8453, 0.1921, 0.1725



14.8453, 0.4947, 0.4454



14.8453, 0.1349, 0.2284

Square

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



14.8453, 0.4947, 0.4454



14.8453, 0.2211, 0.4557



14.8453, 0.1467, 0.1820



14.8453, 0.3890, 0.2364

Rectangle

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



14.8453, 0.4947, 0.4454



14.8453, 0.3495, 0.5388



14.8453, 0.1467, 0.1820



14.8453, 0.2433, 0.1824

Sweetspot

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



14.8461, 0.4947, 0.4454



42.1326, 0.3644, 0.3791



6.5429, 0.5533, 0.2822



9.3616, 0.3718, 0.3856



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.



14.8461, 0.4947, 0.4454



25.8616, 0.4965, 0.4439



25.6030, 0.3936, 0.5257



6.4115, 0.3267, 0.3435



12.7311, 0.4941, 0.4459



0.2109, 0.4537, 0.4780

Inverse Universe

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



4.5073, 0.1650, 0.1139



7.6588, 0.1640, 0.1104



2.3115, 0.1571, 0.0639



5.9404, 0.2989, 0.3141



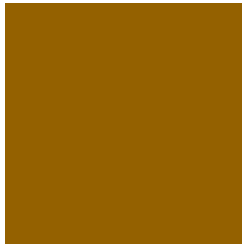
3.8961, 0.1653, 0.1150



0.0987, 0.1882, 0.1975

Previews

White Background



This preview shows how the Yxy color 14.8453, 0.4947, 0.4454 looks on a white background.

Color Contrast Check

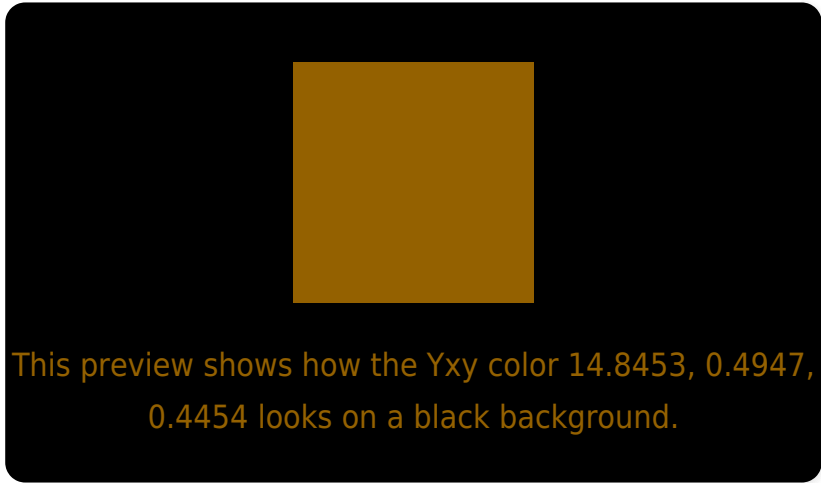
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 14.8453, 0.4947, 0.4454

Background



This preview shows how black text looks on a background with the Yxy color 14.8453, 0.4947, 0.4454.



This preview shows how white text looks on a background with the Yxy color 14.8453, 0.4947, 0.4454.

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

14.8453, 0.4947, 0.4454

Protanopia

14.8846, 0.4368, 0.4836

Deuteranopia

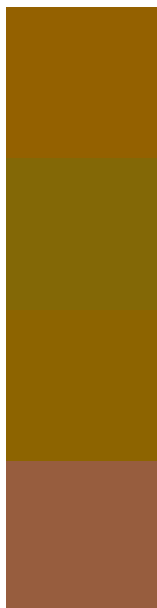
14.8211, 0.4715, 0.4638



Tritanopia

14.8508, 0.4009, 0.3173

Trichromacy



Original Color

14.8453, 0.4947, 0.4454

Protanomaly

14.7391, 0.4576, 0.4702

Deuteranomaly

14.7771, 0.4804, 0.4568

Tritanomaly

14.7558, 0.4524, 0.3805

Monochromacy



Original Color

14.8453, 0.4947, 0.4454

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.3361, 0.3922, 0.4037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8453, 0.4947, 0.4454 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, 97, 0)` looks like.

```
.text, #text, p{  
    color:rgb(148, 97, 0)  
}
```

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, 97, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 97, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.8453, 0.4947, 0.4454 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, 97, 0) }
```

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

```
.border{ border-color:rgb(148, 97, 0) }
```

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

Here you see how a box with a 4 pixel rgb(148, 97, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 97, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 97, 0);  
box-shadow:4px 4px 4px 4px rgb(148, 97, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.8453, 0.4947, 0.4454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 97, 0) }
```

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

```
.background{ background-color: rgb(148, 97,  
0) }
```

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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