

Converting Colors

$Y_{xy}(14.3856, 0.4898, 0.4663)$

Have a look what the booklet for
Yxy(14.3856, 0.4898, 0.4663)
contains.

Yxy(14.4991, 0.4809, 0.4564)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.4991, 0.4809, 0.4564)

Conversions

Conversions Part 1

Format	Color
Hex	8C6300
RGB	140, 99, 0
RGB Percent	55%, 39%, 0%
CMY	0.4510, 0.6118, 1.0000
CMYK	0.00, 0.29, 1.00, 0.45
HSL	42°, 100%, 27%
HSV	42°, 100%, 55%
XYZ	15.2774, 14.4991, 1.9919
YIQ	99.9730, 56.2150, -22.0970

Conversions

Conversions Part 2

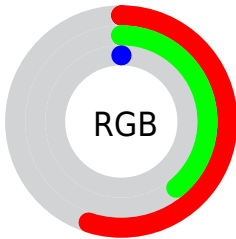
Format	Color
RYB	58, 140, 0
Decimal	9200384
CIELab	44.94, 9.18, 52.37
CIELCh	45, 53.170, 80.055
Yxy	14.4991, 0.4809, 0.4564
Android (android.graphics.Color)	4287390464 (0xFF8C6300)
YUV	99.9730, -49.2867, 35.1037
Hunter-Lab	38.0777, 4.9813, 23.5529

Details

The Yxy color **14.4991, 0.4809, 0.4564** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3.4796, 0.1616, 0.1017**, and the grayscale version is **12.8547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1447, 0.4478, 0.4368**, and **4.4775, 0.4971, 0.4435** is the 20% darker color. If you saturate the color by 10%, you get **14.4999, 0.4809, 0.4564**, and if you desaturate by 10%, it is **15.3284, 0.4685, 0.4558**.

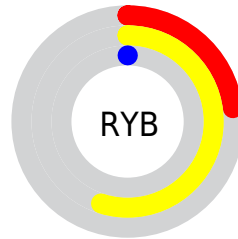
Distribution



Red (55%)

Green (39%)

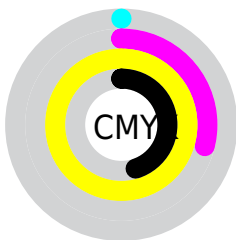
Blue (0%)



Red (23%)

Yellow (55%)

Blue (0%)

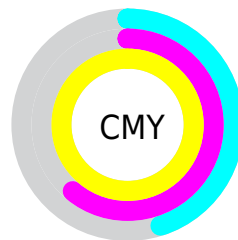


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (45%)



Cyan (45%)


Magenta (61%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4991, 0.4809, 0.4564 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 14.4991, 0.4809, 0.4564 by changing the saturation by 10% instead.


 14.4991, 0.4809,
0.4564


 14.4991, 0.4809,
0.4564


 220.3140, 0.3893,
0.3927


 8.4686, 0.5023,
0.4673


 33.9720, 0.4481,
0.4361

 4.3962, 0.5253,
0.4747

 48.1832, 0.4353,
0.4273

 1.8976, 0.5372,
0.4628

 65.8902, 0.4245,
0.4195

 0.5469, 0.5763,
0.4237

 87.4772, 0.4153,
0.4127

 0.0000, 0.0000,
0.0000

 113.3287, 0.4073,
0.4067


 143.8290, 0.4005,


0.4015


 179.3627, 0.3946,
0.3968


 14.4991, 0.4809,
0.4564


 14.4991, 0.4809,
0.4564


 14.4999, 0.4809,
0.4564

 15.3284, 0.4685,
0.4558

 16.2174, 0.4543,
0.4518

 17.1781, 0.4375,
0.4434

 18.2150, 0.4191,
0.4312

 19.3318, 0.3999,
0.4161

■ 20.5321, 0.3806,
0.3993

■ 21.8189, 0.3619,
0.3815

■ 23.1952, 0.3442,
0.3635

■ 24.6636, 0.3278,
0.3459

Harmonies

Analogous

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



14.4991, 0.5232, 0.3815



14.4991, 0.4809, 0.4564



14.4991, 0.3983, 0.5200

Triad

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



14.4991, 0.4809, 0.4564



14.4991, 0.1546, 0.3063



14.4991, 0.2932, 0.2001

Complementary

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



14.4991, 0.4809, 0.4564



3.4796, 0.1616, 0.1017

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.



14.4991, 0.2054, 0.1767



14.4991, 0.4809, 0.4564



14.4991, 0.1380, 0.2204

Square

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



14.4991, 0.4809, 0.4564



14.4991, 0.2107, 0.4319



14.4991, 0.1548, 0.1812



14.4991, 0.4059, 0.2475

Rectangle

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



14.4991, 0.4809, 0.4564



14.4991, 0.3334, 0.5331



14.4991, 0.1548, 0.1812



14.4991, 0.2599, 0.1894

Sweetspot

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



14.4999, 0.4809, 0.4564



38.3171, 0.3631, 0.3826



5.7430, 0.5707, 0.2918



8.6311, 0.3700, 0.3893



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



14.4999, 0.4809, 0.4564



25.2752, 0.4824, 0.4551



22.2024, 0.3851, 0.5324



5.6017, 0.3264, 0.3444



12.9180, 0.4805, 0.4567



0.1112, 0.4473, 0.4830

Inverse Universe

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



3.4796, 0.1616, 0.1017



5.8865, 0.1607, 0.0983



2.1405, 0.1614, 0.0663



5.1155, 0.2991, 0.3131



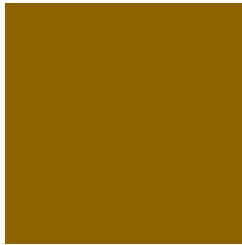
3.1226, 0.1618, 0.1026



0.0436, 0.1837, 0.1814

Previews

White Background



This preview shows how the Yxy color 14.4991, 0.4809, 0.4564 looks on a white background.

Color Contrast Check

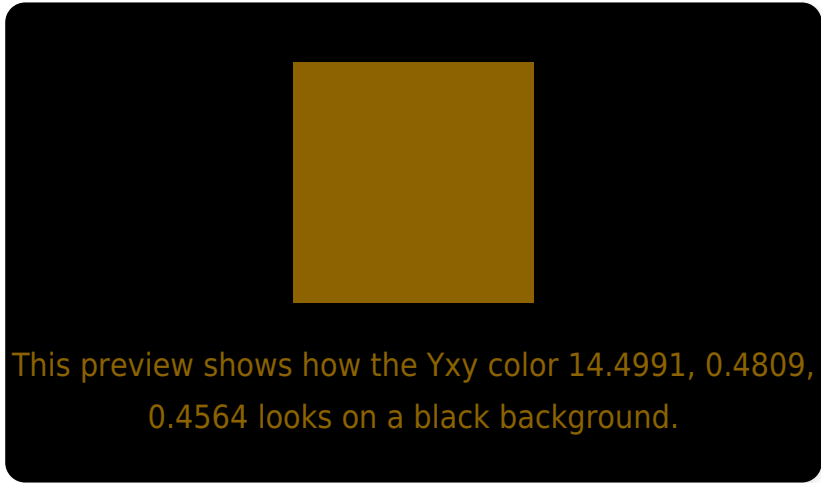
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4991, 0.4809, 0.4564

Background



This preview shows how black text looks on a background with the Yxy color 14.4991, 0.4809, 0.4564.



This preview shows how white text looks on a background with the Yxy color 14.4991, 0.4809, 0.4564.

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

14.4991, 0.4809, 0.4564

Protanopia

14.5282, 0.4357, 0.4850

Deuteranopia

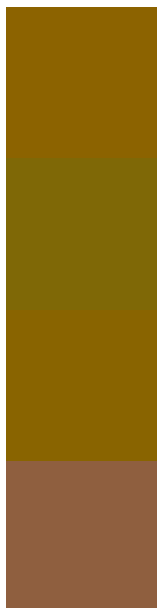
14.4583, 0.4706, 0.4646



Tritanopia

14.4844, 0.3844, 0.3167

Trichromacy



Original Color

14.4991, 0.4809, 0.4564

Protanomaly

14.4258, 0.4519, 0.4746

Deuteranomaly

14.4327, 0.4751, 0.4610

Tritanomaly

14.3829, 0.4372, 0.3854

Monochromacy



Original Color

14.4991, 0.4809, 0.4564

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

13.1293, 0.3874, 0.4052

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4991, 0.4809, 0.4564 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(140, 99, 0)` looks like.

```
.text, #text, p{  
    color:rgb(140, 99, 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(140, 99, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 99, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.4991, 0.4809, 0.4564 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(140, 99, 0) }
```

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

```
.border{ border-color:rgb(140, 99, 0) }
```

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

Here you see how a box with a 4 pixel rgb(140, 99, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 99, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 99, 0);  
box-shadow:4px 4px 4px 4px rgb(140, 99, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.4991, 0.4809, 0.4564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 99, 0) }
```

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

```
.background{ background-color: rgb(140, 99,  
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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