

Converting Colors

$Y_{xy}(14.3400, 0.4402, 0.4887)$

Have a look what the booklet for
Yxy(14.3400, 0.4402, 0.4887)
contains.

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Color

Yxy(14.3011, 0.4405, 0.4884)

Conversions

Conversions Part 1

Format	Color
Hex	786A00
RGB	120, 106, 0
RGB Percent	47%, 42%, 0%
CMY	0.5295, 0.5843, 0.9998
CMYK	0.00, 0.12, 1.00, 0.53
HSL	53°, 100%, 24%
HSV	53°, 100%, 47%
XYZ	12.8985, 14.3011, 2.0819
YIQ	98.1020, 42.3700, -29.9980

Conversions

Conversions Part 2

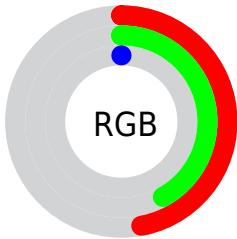
Format	Color
R_{YB}	16, 120, 0
Decimal	7891456
CIE Lab	44.66, -4.53, 51.11
CIE LCh	45, 51.309, 95.065
Yxy	14.3011, 0.4405, 0.4884
Android (android.graphics.Color)	4286081536 (0xFF786A00)
YUV	98.1020, -48.3643, 19.2045
Hunter-Lab	37.8168, -5.2968, 23.2077

Details

The Yxy color **14.3011, 0.4405, 0.4884** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.6710, 0.1534, 0.0723**, and the grayscale version is **12.3572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6810, 0.4175, 0.4565**, and **4.3212, 0.4393, 0.4894** is the 20% darker color. If you saturate the color by 10%, you get **14.3004, 0.4405, 0.4884**, and if you desaturate by 10%, it is **14.6190, 0.4340, 0.4839**.

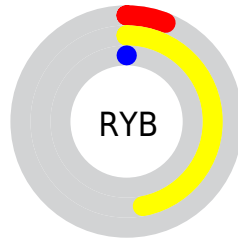
Distribution



Red (47%)

Green (42%)

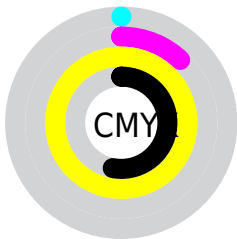
Blue (0%)



Red (6%)

Yellow (47%)

Blue (0%)

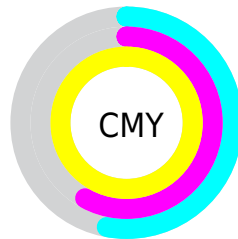


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (53%)



Cyan (53%)


Magenta (58%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3011, 0.4405, 0.4884 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 14.3011, 0.4405, 0.4884 by changing the saturation by 10% instead.


 14.3011, 0.4405,
0.4884


 14.3011, 0.4405,
0.4884


219.0960, 0.3730,
0.4008


 8.3304, 0.4542,
0.5089


 33.6223, 0.4174,
0.4568


 4.3071, 0.4677,
0.5323

 47.7416, 0.4080,
0.4445

 1.8468, 0.4612,
0.5388

 65.3459, 0.3999,
0.4341

 0.5161, 0.4240,
0.5760

 86.8196, 0.3929,
0.4254


 0.0000, 0.0000,
0.0000


 112.5471, 0.3869,
0.4178


 142.9127, 0.3816,


0.4114


 178.3009, 0.3771,
0.4057


 14.3011, 0.4405,
0.4884

 14.3011, 0.4405,
0.4884


 14.3004, 0.4405,
0.4884

 14.6190, 0.4340,
0.4839

 14.9538, 0.4259,
0.4768

 15.3154, 0.4154,
0.4657

 15.7064, 0.4028,
0.4510

 16.1290, 0.3886,
0.4333

■ 16.5851, 0.3734,
0.4135

■ 17.0767, 0.3577,
0.3924

■ 17.6054, 0.3422,
0.3709

■ 18.1727, 0.3270,
0.3496

Harmonies

Analogous

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



14.3011, 0.5042, 0.4179



14.3011, 0.4405, 0.4884



14.3011, 0.3499, 0.5271

Triad

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



14.3011, 0.4405, 0.4884



14.3011, 0.1458, 0.2594



14.3011, 0.3477, 0.2239

Complementary

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



14.3011, 0.4405, 0.4884



1.6710, 0.1534, 0.0723

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.



14.3011, 0.2467, 0.1884



14.3011, 0.4405, 0.4884



14.3011, 0.1462, 0.1993

Square

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



14.3011, 0.4405, 0.4884



14.3011, 0.1812, 0.3661



14.3011, 0.1789, 0.1788



14.3011, 0.4539, 0.2795

Rectangle

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



14.3011, 0.4405, 0.4884



14.3011, 0.2856, 0.5085



14.3011, 0.1789, 0.1788



14.3011, 0.3114, 0.2094

Sweetspot

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



14.3018, 0.4405, 0.4884



29.9730, 0.3590, 0.3941



4.0250, 0.6194, 0.3187



7.0320, 0.3643, 0.4013



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



14.3018, 0.4405, 0.4884



25.0343, 0.4411, 0.4880



14.8859, 0.3560, 0.5555



4.5580, 0.3258, 0.3478



15.5918, 0.4406, 0.4883



73.5695, 0.4419, 0.4874

Inverse Universe

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



1.6710, 0.1534, 0.0723



2.8219, 0.1527, 0.0697



1.9383, 0.1855, 0.0796



3.9619, 0.2994, 0.3095



1.8088, 0.1533, 0.0718



7.9564, 0.1519, 0.0668

Previews

White Background



This preview shows how the Yxy color 14.3011, 0.4405, 0.4884 looks on a white background.

Color Contrast Check

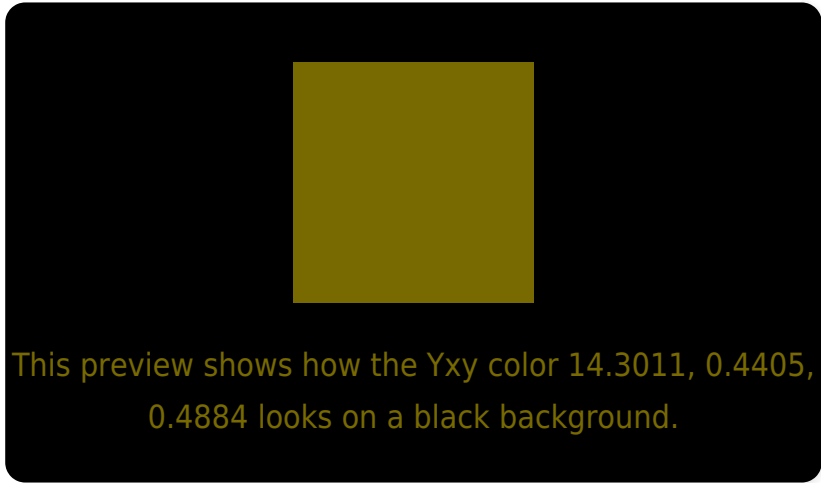
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3011, 0.4405, 0.4884

Background



This preview shows how black text looks on a background with the Yxy color 14.3011, 0.4405, 0.4884.

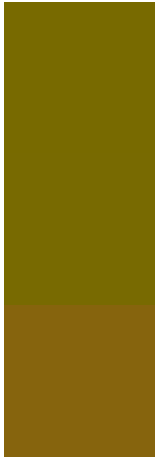


This preview shows how white text looks on a background with the Yxy color 14.3011, 0.4405, 0.4884.

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

14.3011, 0.4405, 0.4884

Protanopia

14.3033, 0.4402, 0.4879

Deuteranopia

14.2117, 0.4660, 0.4579



Tritanopia

14.3999, 0.3432, 0.3154

Trichromacy



Original Color

14.3011, 0.4405, 0.4884

Protanomaly

14.3033, 0.4402, 0.4879

Deuteranomaly

14.1874, 0.4574, 0.4686

Tritanomaly

14.1931, 0.3957, 0.3989

Monochromacy



Original Color

14.3011, 0.4405, 0.4884

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

12.7193, 0.3748, 0.4157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3011, 0.4405, 0.4884 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(120, 106, 0)` looks like.

```
.text, #text, p{  
    color:rgb(120, 106, 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(120, 106, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 106, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.3011, 0.4405, 0.4884 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(120, 106, 0) }
```

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

```
.border{ border-color:rgb(120, 106, 0) }
```

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

Here you see how a box with a 4 pixel rgb(120, 106, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 106, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 106, 0);  
box-shadow:4px 4px 4px 4px rgb(120, 106,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3011, 0.4405, 0.4884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 106, 0) }
```

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

```
.background{ background-color: rgb(120,  
106, 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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