

Converting Colors

$Y_{xy}(14.5958, 0.4420, 0.4894)$

Have a look what the booklet for
Yxy(14.5958, 0.4420, 0.4894)
contains.

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Color

Yxy(14.5803, 0.4404, 0.4885)

Conversions

Conversions Part 1

Format	Color
Hex	796B00
RGB	121, 107, 0
RGB Percent	47%, 42%, 0%
CMY	0.5254, 0.5804, 0.9999
CMYK	0.00, 0.12, 1.00, 0.53
HSL	53°, 100%, 24%
HSV	53°, 100%, 47%
XYZ	13.1447, 14.5803, 2.1221
YIQ	98.9880, 42.6910, -30.3090

Conversions

Conversions Part 2

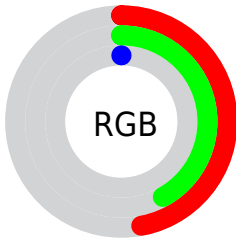
Format	Color
RYB	16, 121, 0
Decimal	7957248
CIELab	45.05, -4.60, 51.44
CIELCh	45, 51.647, 95.106
Yxy	14.5803, 0.4404, 0.4885
Android (android.graphics.Color)	4286147328 (0xFF796B00)
YUV	98.9880, -48.8011, 19.3045
Hunter-Lab	38.1842, -5.3748, 23.4338

Details

The Yxy color **14.5803, 0.4404, 0.4885** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.6964, 0.1534, 0.0721**, and the grayscale version is **12.5931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1378, 0.4177, 0.4570**, and **4.4607, 0.4390, 0.4896** is the 20% darker color. If you saturate the color by 10%, you get **14.5802, 0.4404, 0.4885**, and if you desaturate by 10%, it is **14.9026, 0.4339, 0.4841**.

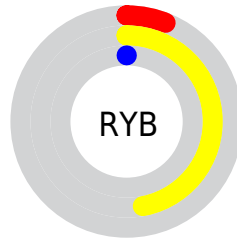
Distribution



Red (47%)

Green (42%)

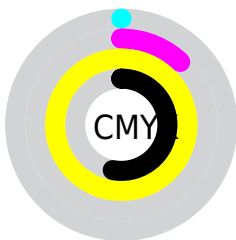
Blue (0%)



Red (6%)

Yellow (47%)

Blue (0%)

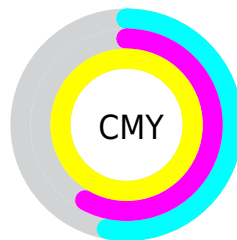


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (53%)



Cyan (53%)


Magenta (58%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5803, 0.4404, 0.4885 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 14.5803, 0.4404, 0.4885 by changing the saturation by 10% instead.


 14.5803, 0.4404,
0.4885


 14.5803, 0.4404,
0.4885


 220.8116, 0.3732,
0.4011


 8.5254, 0.4538,
0.5087


 34.1152, 0.4174,
0.4570


 4.4329, 0.4676,
0.5324

 48.3640, 0.4081,
0.4448


 1.9186, 0.4612,
0.5388

 66.1128, 0.4000,
0.4344

 0.5595, 0.4286,
0.5714


 87.7461, 0.3930,
0.4257


 0.0000, 0.0000,
0.0000


 113.6482, 0.3870,
0.4182


 144.2036, 0.3818,


0.4117

 179.7966, 0.3772,
0.4060


 14.5803, 0.4404,
0.4885

 14.5803, 0.4404,
0.4885


 14.5802, 0.4404,
0.4885

 14.9026, 0.4339,
0.4841

 15.2421, 0.4259,
0.4770

 15.6090, 0.4154,
0.4659

 16.0057, 0.4028,
0.4512

 16.4346, 0.3886,
0.4335

■ 16.8977, 0.3734,
0.4136

■ 17.3968, 0.3578,
0.3926

■ 17.9338, 0.3422,
0.3710

■ 18.5101, 0.3271,
0.3497

Harmonies

Analogous

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



14.5803, 0.5042, 0.4180



14.5803, 0.4404, 0.4885



14.5803, 0.3498, 0.5271

Triad

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



14.5803, 0.4404, 0.4885



14.5803, 0.1458, 0.2593



14.5803, 0.3479, 0.2239

Complementary

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



14.5803, 0.4404, 0.4885



1.6964, 0.1534, 0.0721

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.



14.5803, 0.2469, 0.1884



14.5803, 0.4404, 0.4885



14.5803, 0.1462, 0.1992

Square

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



14.5803, 0.4404, 0.4885



14.5803, 0.1811, 0.3659



14.5803, 0.1790, 0.1788



14.5803, 0.4541, 0.2796

Rectangle

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



14.5803, 0.4404, 0.4885



14.5803, 0.2855, 0.5085



14.5803, 0.1790, 0.1788



14.5803, 0.3115, 0.2095

Sweetspot

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



14.5810, 0.4404, 0.4885



31.0728, 0.3590, 0.3942



4.0988, 0.6197, 0.3188



7.0347, 0.3643, 0.4014



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.



14.5810, 0.4404, 0.4885



25.9715, 0.4410, 0.4881



15.1600, 0.3559, 0.5556



4.5585, 0.3258, 0.3478



15.6102, 0.4405, 0.4885



73.6612, 0.4417, 0.4875

Inverse Universe

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



1.6964, 0.1534, 0.0721



2.9151, 0.1527, 0.0695



1.9718, 0.1854, 0.0795



3.9615, 0.2994, 0.3095



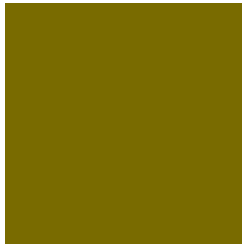
1.8065, 0.1533, 0.0717



7.9479, 0.1519, 0.0667

Previews

White Background



This preview shows how the Yxy color 14.5803, 0.4404, 0.4885 looks on a white background.

Color Contrast Check

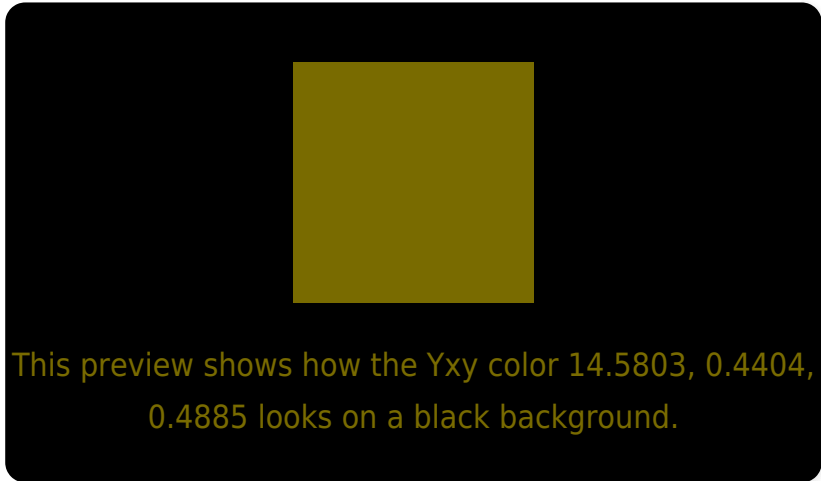
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5803, 0.4404, 0.4885

Background



This preview shows how black text looks on a background with the Yxy color 14.5803, 0.4404, 0.4885.



This preview shows how white text looks on a background with the Yxy color 14.5803, 0.4404, 0.4885.

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

14.5803, 0.4404, 0.4885

Protanopia

14.5825, 0.4400, 0.4880

Deuteranopia

14.4873, 0.4657, 0.4584



Tritanopia

14.4972, 0.3432, 0.3135

Trichromacy



Original Color

14.5803, 0.4404, 0.4885

Protanomaly

14.5825, 0.4400, 0.4880

Deuteranomaly

14.4639, 0.4572, 0.4690

Tritanomaly

14.2801, 0.3958, 0.3966

Monochromacy



Original Color

14.5803, 0.4404, 0.4885

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.9874, 0.3743, 0.4150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5803, 0.4404, 0.4885 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(121, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(121, 107, 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(121, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 107, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.5803, 0.4404, 0.4885 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(121, 107, 0) }
```

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

```
.border{ border-color:rgb(121, 107, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 107, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(121, 107,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5803, 0.4404, 0.4885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 107, 0) }
```

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

```
.background{ background-color: rgb(121,  
107, 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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