

Converting Colors

$Y_{xy}(14.4962, 0.4705, 0.4646)$

Have a look what the booklet for
Yxy(14.4962, 0.4705, 0.4646)
contains.

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Color

Yxy(14.4583, 0.4706, 0.4646)

Conversions

Conversions Part 1

Format	Color
Hex	876500
RGB	135, 101, 0
RGB Percent	53%, 40%, 0%
CMY	0.4706, 0.6039, 1.0000
CMYK	0.00, 0.25, 1.00, 0.47
HSL	45°, 100%, 26%
HSV	45°, 100%, 53%
XYZ	14.6450, 14.4583, 2.0166
YIQ	99.6520, 52.6850, -24.2030

Conversions

Conversions Part 2

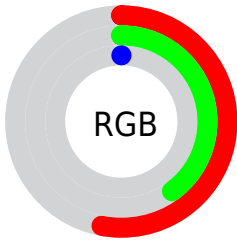
Format	Color
R_{YB}	45, 135, 0
Decimal	8873216
CIE Lab	44.88, 5.63, 52.06
CIE LCh	45, 52.359, 83.832
Yxy	14.4583, 0.4706, 0.4646
Android (android.graphics.Color)	4287063296 (0xFF876500)
YUV	99.6520, -49.1284, 31.0002
Hunter-Lab	38.0241, 2.2074, 23.4725

Details

The Yxy color **14.4583, 0.4706, 0.4646** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2.8930, 0.1592, 0.0932**, and the grayscale version is **12.7687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9892, 0.4397, 0.4424**, and **4.4379, 0.4808, 0.4565** is the 20% darker color. If you saturate the color by 10%, you get **14.4592, 0.4706, 0.4646**, and if you desaturate by 10%, it is **15.1635, 0.4598, 0.4630**.

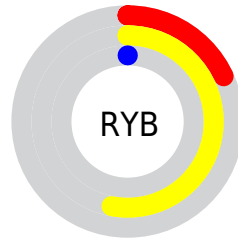
Distribution



Red (53%)

Green (40%)

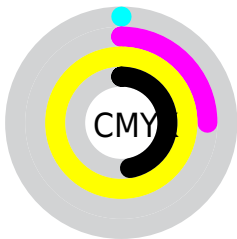
Blue (0%)



Red (18%)

Yellow (53%)

Blue (0%)

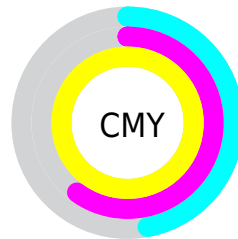


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.4583, 0.4706, 0.4646 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 14.4583, 0.4706, 0.4646 by changing the saturation by 10% instead.

■ 14.4583, 0.4706,
0.4646

■ 14.4583, 0.4706,
0.4646

■ 220.0636, 0.3851,
0.3948

■ 8.4401, 0.4901,
0.4779

■ 33.9000, 0.4402,
0.4415

■ 4.3778, 0.5109,
0.4891

■ 48.0924, 0.4283,
0.4317

■ 1.8871, 0.5183,
0.4817

■ 65.7782, 0.4181,
0.4233

■ 0.5406, 0.5464,
0.4536

■ 87.3419, 0.4095,
0.4160


■ 0.0000, 0.0000,
0.0000


■ 113.1679, 0.4021,
0.4096


■ 143.6406, 0.3956,


0.4040


 179.1444, 0.3900,
0.3992

 14.4583, 0.4706,
0.4646


 14.4583, 0.4706,
0.4646


 14.4592, 0.4706,
0.4646

 15.1635, 0.4598,
0.4630

 15.9138, 0.4471,
0.4581

 16.7208, 0.4320,
0.4490

 17.5883, 0.4151,
0.4361

 18.5195, 0.3972,
0.4203

■ 19.5175, 0.3789,
0.4027

■ 20.5849, 0.3609,
0.3841

■ 21.7243, 0.3438,
0.3653

■ 22.9379, 0.3276,
0.3468

Harmonies

Analogous

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



14.4583, 0.5186, 0.3907



14.4583, 0.4706, 0.4646



14.4583, 0.3860, 0.5226

Triad

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



14.4583, 0.4706, 0.4646



14.4583, 0.1524, 0.2934



14.4583, 0.3068, 0.2062

Complementary

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



14.4583, 0.4706, 0.4646



2.8930, 0.1592, 0.0932

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.



14.4583, 0.2156, 0.1798



14.4583, 0.4706, 0.4646



14.4583, 0.1401, 0.2147

Square

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



14.4583, 0.4706, 0.4646



14.4583, 0.2029, 0.4145



14.4583, 0.1609, 0.1807



14.4583, 0.4184, 0.2558

Rectangle

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



14.4583, 0.4706, 0.4646



14.4583, 0.3212, 0.5280



14.4583, 0.1609, 0.1807



14.4583, 0.2727, 0.1946

Sweetspot

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



14.4592, 0.4706, 0.4646



36.7316, 0.3621, 0.3854



5.2782, 0.5814, 0.2977



8.3414, 0.3687, 0.3923



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



14.4592, 0.4706, 0.4646



25.6303, 0.4719, 0.4635



20.2410, 0.3796, 0.5368



5.2298, 0.3263, 0.3452



13.3551, 0.4703, 0.4647



0.0579, 0.4426, 0.4867

Inverse Universe

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



2.8930, 0.1592, 0.0932



4.9569, 0.1583, 0.0897



2.0484, 0.1648, 0.0681



4.7212, 0.2992, 0.3123



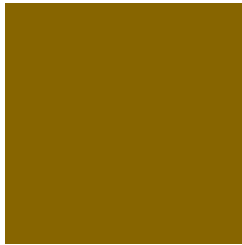
2.6868, 0.1594, 0.0937



0.0195, 0.1800, 0.1678

Previews

White Background



This preview shows how the Yxy color 14.4583, 0.4706, 0.4646 looks on a white background.

Color Contrast Check

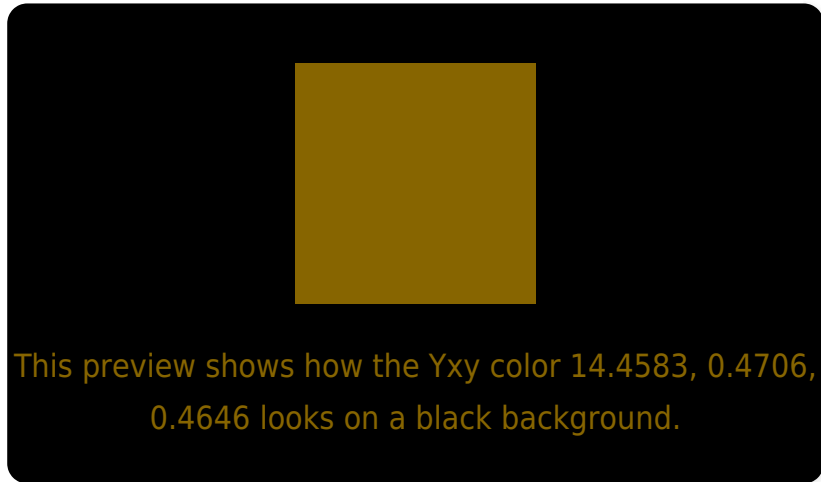
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4583, 0.4706, 0.4646

Background



This preview shows how black text looks on a background with the Yxy color 14.4583, 0.4706, 0.4646.



This preview shows how white text looks on a background with the Yxy color 14.4583, 0.4706, 0.4646.

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

14.4583, 0.4706, 0.4646

Protanopia

14.5238, 0.4364, 0.4860

Deuteranopia

14.4583, 0.4706, 0.4646



Tritanopia

14.5204, 0.3740, 0.3164

Trichromacy



Original Color

14.4583, 0.4706, 0.4646

Protanomaly

14.4719, 0.4481, 0.4792

Deuteranomaly

14.4583, 0.4706, 0.4646

Tritanomaly

14.3228, 0.4262, 0.3893

Monochromacy



Original Color

14.4583, 0.4706, 0.4646

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.9952, 0.3842, 0.4061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4583, 0.4706, 0.4646 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(135, 101, 0)` looks like.

```
.text, #text, p{  
    color:rgb(135, 101, 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(135, 101, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 101, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.4583, 0.4706, 0.4646 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(135, 101, 0) }
```

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

```
.border{ border-color:rgb(135, 101, 0) }
```

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

Here you see how a box with a 4 pixel rgb(135, 101, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 101, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 101, 0);  
box-shadow:4px 4px 4px 4px rgb(135, 101,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4583, 0.4706, 0.4646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 101, 0) }
```

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

```
.background{ background-color: rgb(135,  
101, 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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