

Converting Colors

$Y_{xy}(14.0218, 0.4372, 0.4910)$

Have a look what the booklet for
Yxy(14.0218, 0.4372, 0.4910)
contains.

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Color

Yxy(14.0900, 0.4361, 0.4919)

Conversions

Conversions Part 1

Format	Color
Hex	756A00
RGB	117, 106, 0
RGB Percent	46%, 42%, 0%
CMY	0.5411, 0.5843, 0.9998
CMYK	0.00, 0.09, 1.00, 0.54
HSL	54°, 100%, 23%
HSV	54°, 100%, 46%
XYZ	12.4917, 14.0900, 2.0624
YIQ	97.2050, 40.5820, -30.6340

Conversions

Conversions Part 2

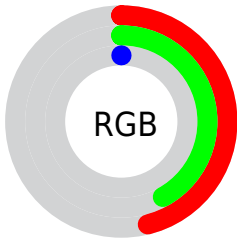
Format	Color
R_{YB}	12, 117, 0
Decimal	7694848
CIE Lab	44.36, -5.97, 50.76
CIE LCh	44, 51.109, 96.705
Yxy	14.0900, 0.4361, 0.4919
Android (android.graphics.Color)	4285884928 (0xFF756A00)
YUV	97.2050, -47.9221, 17.3602
Hunter-Lab	37.5366, -6.2869, 23.0181

Details

The Yxy color **14.0900, 0.4361, 0.4919** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.5256, 0.1528, 0.0699**, and the grayscale version is **12.1220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2215, 0.4132, 0.4590**, and **4.2517, 0.4344, 0.4933** is the 20% darker color. If you saturate the color by 10%, you get **14.0897, 0.4361, 0.4919**, and if you desaturate by 10%, it is **14.3451, 0.4302, 0.4870**.

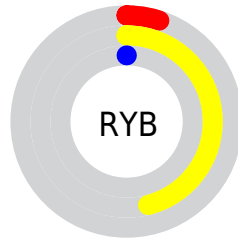
Distribution



Red (46%)

Green (42%)

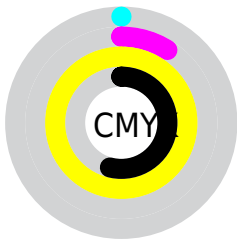
Blue (0%)



Red (5%)

Yellow (46%)

Blue (0%)

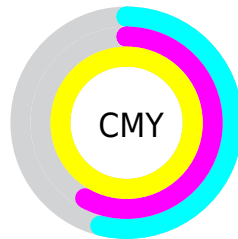


Cyan (0%)

Magenta (9%)

Yellow (100%)

Black (54%)



Cyan (54%)


Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0900, 0.4361, 0.4919 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 14.0900, 0.4361, 0.4919 by changing the saturation by 10% instead.


 14.0900, 0.4361,
0.4919


 14.0900, 0.4361,
0.4919


 217.7900, 0.3712,
0.4015


 8.1833, 0.4491,
0.5137


 33.2486, 0.4140,
0.4589


 4.2125, 0.4612,
0.5388

 47.2693, 0.4049,
0.4462


 1.7931, 0.4524,
0.5476

 64.7635, 0.3971,
0.4356

 0.4829, 0.3935,
0.6065


 86.1155, 0.3904,
0.4266


 0.0000, 0.0000,
0.0000


 111.7098, 0.3845,
0.4189

 141.9307, 0.3795,


0.4123


 177.1626, 0.3751,
0.4065


 14.0900, 0.4361,
0.4919


 14.0900, 0.4361,
0.4919

 14.0897, 0.4361,
0.4919

 14.3451, 0.4302,
0.4870

 14.6143, 0.4227,
0.4796

 14.9073, 0.4129,
0.4682

 15.2265, 0.4009,
0.4532

 15.5739, 0.3872,
0.4352

■ 15.9515, 0.3725,
0.4151

■ 16.3609, 0.3572,
0.3937

■ 16.8037, 0.3419,
0.3718

■ 17.2813, 0.3270,
0.3500

Harmonies

Analogous

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



14.0900, 0.5020, 0.4220



14.0900, 0.4361, 0.4919



14.0900, 0.3446, 0.5274

Triad

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



14.0900, 0.4361, 0.4919



14.0900, 0.1448, 0.2548



14.0900, 0.3539, 0.2264

Complementary

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



14.0900, 0.4361, 0.4919



1.5256, 0.1528, 0.0699

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.



14.0900, 0.2514, 0.1896



14.0900, 0.4361, 0.4919



14.0900, 0.1470, 0.1971

Square

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



14.0900, 0.4361, 0.4919



14.0900, 0.1781, 0.3594



14.0900, 0.1816, 0.1785



14.0900, 0.4590, 0.2829

Rectangle

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



14.0900, 0.4361, 0.4919



14.0900, 0.2804, 0.5052



14.0900, 0.1816, 0.1785



14.0900, 0.3172, 0.2115

Sweetspot

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



14.0907, 0.4361, 0.4919



29.2290, 0.3585, 0.3955



3.8097, 0.6222, 0.3202



6.6636, 0.3635, 0.4026



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



14.0907, 0.4361, 0.4919



25.1198, 0.4366, 0.4916



14.0362, 0.3536, 0.5574



4.2102, 0.3256, 0.3481



15.5083, 0.4362, 0.4919



74.8987, 0.4372, 0.4911

Inverse Universe

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



1.5256, 0.1528, 0.0699



2.6250, 0.1521, 0.0675



1.8860, 0.1884, 0.0812



3.6403, 0.2995, 0.3092



1.6667, 0.1526, 0.0694



7.5300, 0.1514, 0.0649

Previews

White Background



This preview shows how the Yxy color 14.0900, 0.4361, 0.4919 looks on a white background.

Color Contrast Check

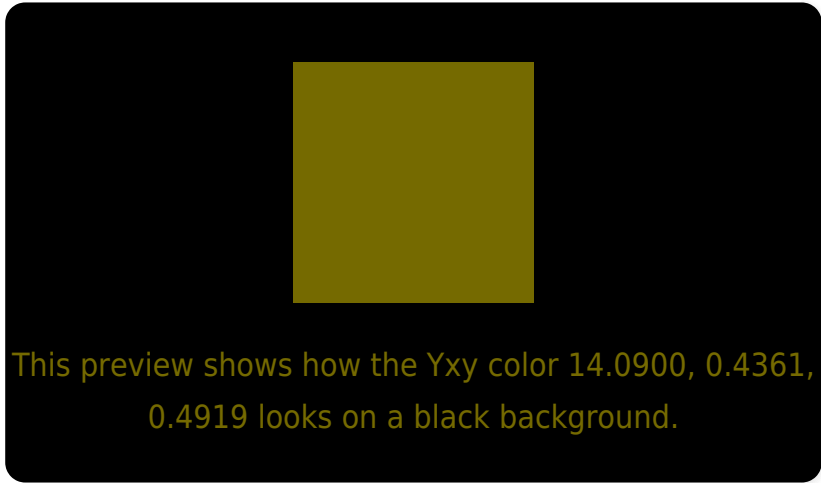
Large Text (above 18pt) WCAG AA ✓ Pass

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

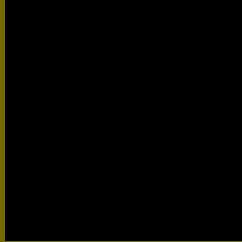
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.0900, 0.4361, 0.4919

Background



This preview shows how black text looks on a background with the Yxy color 14.0900, 0.4361, 0.4919.



This preview shows how white text looks on a background with the Yxy color 14.0900, 0.4361, 0.4919.

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

14.0900, 0.4361, 0.4919

Protanopia

14.0251, 0.4407, 0.4883

Deuteranopia

14.1326, 0.4641, 0.4584



Tritanopia

14.1752, 0.3387, 0.3152

Trichromacy



Original Color

14.0900, 0.4361, 0.4919

Protanomaly

13.9547, 0.4392, 0.4894

Deuteranomaly

14.0345, 0.4542, 0.4703

Tritanomaly

13.9729, 0.3910, 0.4003

Monochromacy



Original Color

14.0900, 0.4361, 0.4919

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

12.4052, 0.3724, 0.4148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0900, 0.4361, 0.4919 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(117, 106, 0)` looks like.

```
.text, #text, p{  
    color:rgb(117, 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(117, 106, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 106, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.0900, 0.4361, 0.4919 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(117, 106, 0) }
```

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

```
.border{ border-color:rgb(117, 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(117, 106, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 106, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 106, 0);  
box-shadow:4px 4px 4px 4px rgb(117, 106,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0900, 0.4361, 0.4919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 106, 0) }
```

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

```
.background{ background-color: rgb(117,  
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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