

Converting Colors

$Y_{xy}(14.5417, 0.4561, 0.5048)$

Have a look what the booklet for
Yxy(14.5417, 0.4561, 0.5048)
contains.

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Color

Yxy(14.7263, 0.4433, 0.4862)

Conversions

Conversions Part 1

Format	Color
Hex	7B6B00
RGB	123, 107, 0
RGB Percent	48%, 42%, 0%
CMY	0.5176, 0.5804, 0.9999
CMYK	0.00, 0.13, 1.00, 0.52
HSL	52°, 100%, 24%
HSV	52°, 100%, 48%
XYZ	13.4269, 14.7263, 2.1353
YIQ	99.5860, 43.8830, -29.8850

Conversions

Conversions Part 2

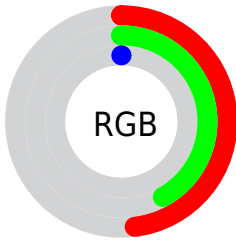
Format	Color
R_{YB}	18, 123, 0
Decimal	8088320
CIE Lab	45.26, -3.63, 51.68
CIE LCh	45, 51.809, 94.022
Yxy	14.7263, 0.4433, 0.4862
Android (android.graphics.Color)	4286278400 (0xFF7B6B00)
YUV	99.5860, -49.0959, 20.5341
Hunter-Lab	38.3749, -4.7009, 23.5633

Details

The Yxy color **14.7263, 0.4433, 0.4862** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.8019, 0.1538, 0.0737**, and the grayscale version is **12.7532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3743, 0.4198, 0.4558**, and **4.5338, 0.4438, 0.4858** is the 20% darker color. If you saturate the color by 10%, you get **14.7263, 0.4433, 0.4862**, and if you desaturate by 10%, it is **15.0912, 0.4365, 0.4821**.

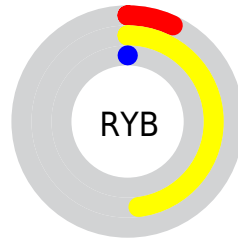
Distribution



Red (48%)

Green (42%)

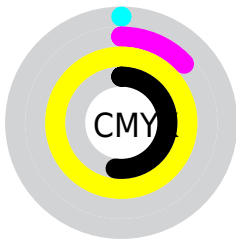
Blue (0%)



Red (7%)

Yellow (48%)

Blue (0%)

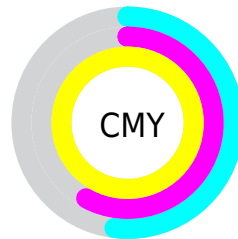


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (52%)



Cyan (52%)


Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.7263, 0.4433, 0.4862 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 14.7263, 0.4433, 0.4862 by changing the saturation by 10% instead.


 14.7263, 0.4433,
0.4862


 14.7263, 0.4433,
0.4862


 221.7036, 0.3745,
0.4006


 8.6275, 0.4572,
0.5055


 34.3723, 0.4197,
0.4556


 4.4990, 0.4718,
0.5282

 48.6883, 0.4101,
0.4436


 1.9565, 0.4668,
0.5332

 66.5122, 0.4018,
0.4335

 0.5820, 0.4438,
0.5562

 88.2284, 0.3947,
0.4249

 0.0000, 0.0000,
0.0000


 114.2212, 0.3886,
0.4175


 144.8751, 0.3833,


0.4111


 180.5744, 0.3786,
0.4055


 14.7263, 0.4433,
0.4862

 15.0912, 0.4365,
0.4821

 15.4756, 0.4280,
0.4752

 15.8896, 0.4171,
0.4643

 16.3358, 0.4041,
0.4497

 16.8168, 0.3895,
0.4322

■ 17.3346, 0.3740,
0.4126

■ 17.8912, 0.3582,
0.3917

■ 18.4883, 0.3424,
0.3705

■ 19.1277, 0.3272,
0.3494

Harmonies

Analogous

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



14.7263, 0.5056, 0.4154



14.7263, 0.4433, 0.4862



14.7263, 0.3533, 0.5268

Triad

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



14.7263, 0.4433, 0.4862



14.7263, 0.1464, 0.2623



14.7263, 0.3439, 0.2222

Complementary

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



14.7263, 0.4433, 0.4862



1.8019, 0.1538, 0.0737

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.



14.7263, 0.2438, 0.1876



14.7263, 0.4433, 0.4862



14.7263, 0.1456, 0.2007

Square

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



14.7263, 0.4433, 0.4862



14.7263, 0.1832, 0.3704



14.7263, 0.1772, 0.1790



14.7263, 0.4507, 0.2774

Rectangle

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



14.7263, 0.4433, 0.4862



14.7263, 0.2889, 0.5106



14.7263, 0.1772, 0.1790



14.7263, 0.3077, 0.2081

Sweetspot

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



14.7270, 0.4433, 0.4862



31.9567, 0.3594, 0.3933



4.2507, 0.6165, 0.3170



7.4430, 0.3649, 0.4007



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



14.7270, 0.4433, 0.4862



26.2213, 0.4440, 0.4857



15.7837, 0.3584, 0.5536



4.5492, 0.3258, 0.3475



15.2269, 0.4433, 0.4862



71.7525, 0.4448, 0.4850

Inverse Universe

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



1.8019, 0.1538, 0.0737



3.0939, 0.1531, 0.0710



1.9914, 0.1826, 0.0780



3.9700, 0.2994, 0.3098



1.8578, 0.1538, 0.0735



8.1366, 0.1523, 0.0681

Previews

White Background



This preview shows how the Yxy color 14.7263, 0.4433, 0.4862 looks on a white background.

Color Contrast Check

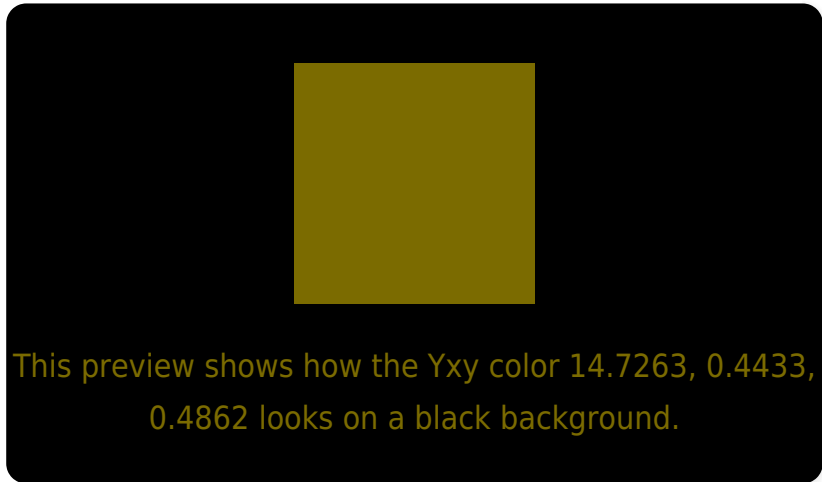
Large Text (above 18pt) WCAG AA ✓ Pass

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

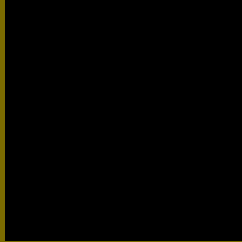
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.7263, 0.4433, 0.4862

Background



This preview shows how black text looks on a background with the Yxy color 14.7263, 0.4433, 0.4862.



This preview shows how white text looks on a background with the Yxy color 14.7263, 0.4433, 0.4862.

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

14.7263, 0.4433, 0.4862

Protanopia

14.7966, 0.4377, 0.4883

Deuteranopia

14.7660, 0.4654, 0.4588



Tritanopia

14.6523, 0.3462, 0.3137

Trichromacy



Original Color

14.7263, 0.4433, 0.4862

Protanomaly

14.8671, 0.4395, 0.4876

Deuteranomaly

14.7435, 0.4569, 0.4693

Tritanomaly

14.4321, 0.3989, 0.3958

Monochromacy



Original Color

14.7263, 0.4433, 0.4862

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

13.2588, 0.3738, 0.4144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7263, 0.4433, 0.4862 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(123, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(123, 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(123, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 107, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.7263, 0.4433, 0.4862 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(123, 107, 0) }
```

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

```
.border{ border-color:rgb(123, 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(123, 107, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(123, 107,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7263, 0.4433, 0.4862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 107, 0) }
```

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

```
.background{ background-color: rgb(123,  
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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