

Converting Colors

$Y_{xy}(10.4531, 0.4970, 0.4592)$

Have a look what the booklet for
Yxy(10.4531, 0.4970, 0.4592)
contains.

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Color

Yxy(10.4716, 0.4896, 0.4495)

Conversions

Conversions Part 1

Format	Color
Hex	7C5300
RGB	124, 83, 0
RGB Percent	49%, 33%, 0%
CMY	0.5137, 0.6745, 1.0000
CMYK	0.00, 0.33, 1.00, 0.51
HSL	40°, 100%, 24%
HSV	40°, 100%, 49%
XYZ	11.4058, 10.4716, 1.4187
YIQ	85.7970, 51.0790, -17.1210

Conversions

Conversions Part 2

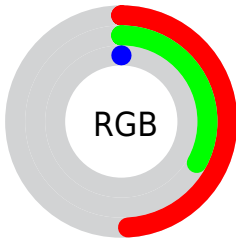
Format	Color
R_{YB}	61, 124, 0
Decimal	8147712
CIE _{Lab}	38.68, 10.95, 47.21
CIE _{LCh}	39, 48.459, 76.940
Yxy	10.4716, 0.4896, 0.4495
Android (android.graphics.Color)	4286337792 (0xFF7C5300)
YUV	85.7970, -42.2979, 33.5040
Hunter-Lab	32.3599, 6.2856, 20.0525

Details

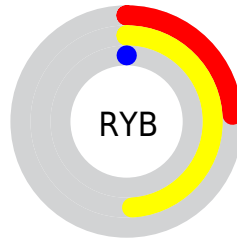
The Yxy color **10.4716, 0.4896, 0.4495** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3.0414, 0.1648, 0.1131**, and the grayscale version is **9.3445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.6118, 0.4517, 0.4290**, and **2.6883, 0.5145, 0.4297** is the 20% darker color. If you saturate the color by 10%, you get **10.4722, 0.4896, 0.4495**, and if you desaturate by 10%, it is **11.1459, 0.4751, 0.4488**.

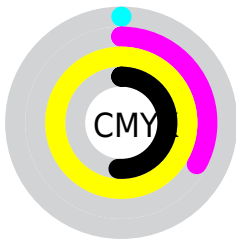
Distribution



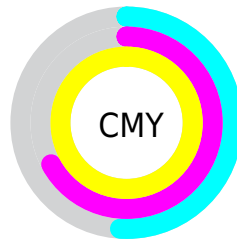
- Red (49%)
- Green (33%)
- Blue (0%)



- Red (24%)
- Yellow (49%)
- Blue (0%)



- Cyan (0%)
- Magenta (33%)
- Yellow (100%)
- Black (51%)





- Cyan (51%)
- Magenta (67%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.4716, 0.4896, 0.4495 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 10.4716, 0.4896, 0.4495 by changing the saturation by 10% instead.


 10.4716, 0.4896,
0.4495


 10.4716, 0.4896,
0.4495


 194.0056, 0.3879,
0.3873


 5.7127, 0.5220,
0.4653

 26.6788, 0.4515,
0.4297


 2.6712, 0.5402,
0.4598

 38.8960, 0.4371,
0.4209


 0.9626, 0.5605,
0.4395

 54.3681, 0.4252,
0.4132

 0.0000, 1.0000,
0.0000


 73.4794, 0.4152,
0.4065

 0.0000, 0.0000,
0.0000

 96.6145, 0.4068,
0.4007

 124.1576, 0.3995,


0.3957


 156.4932, 0.3933,
0.3913


 10.4716, 0.4896,
0.4495


 10.4716, 0.4896,
0.4495


 10.4722, 0.4896,
0.4495

 11.1459, 0.4751,
0.4488

 11.8716, 0.4591,
0.4451

 12.6593, 0.4408,
0.4370

 13.5125, 0.4212,
0.4253

 14.4342, 0.4010,
0.4110

■ 15.4270, 0.3811,
0.3950

■ 16.4934, 0.3620,
0.3782

■ 17.6358, 0.3442,
0.3613

■ 18.8564, 0.3277,
0.3448

Harmonies

Analogous

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



10.4716, 0.5270, 0.3739



10.4716, 0.4896, 0.4495



10.4716, 0.4086, 0.5174

Triad

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



10.4716, 0.4896, 0.4495



10.4716, 0.1565, 0.3177



10.4716, 0.2819, 0.1949

Complementary

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



10.4716, 0.4896, 0.4495



3.0414, 0.1648, 0.1131

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.



10.4716, 0.1970, 0.1740



10.4716, 0.4896, 0.4495



10.4716, 0.1360, 0.2253

Square

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



10.4716, 0.4896, 0.4495



10.4716, 0.2172, 0.4469



10.4716, 0.1497, 0.1817



10.4716, 0.3953, 0.2405

Rectangle

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



10.4716, 0.4896, 0.4495



10.4716, 0.3435, 0.5369



10.4716, 0.1497, 0.1817



10.4716, 0.2494, 0.1850

Sweetspot

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



10.4722, 0.4896, 0.4495



28.8843, 0.3633, 0.3794



4.4479, 0.5555, 0.2834



6.6460, 0.3699, 0.3853



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.



10.4722, 0.4896, 0.4495



18.1671, 0.4916, 0.4479



17.3200, 0.3912, 0.5276



4.4212, 0.3262, 0.3433



10.6403, 0.4896, 0.4494



49.1467, 0.4942, 0.4458

Inverse Universe

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



3.0414, 0.1648, 0.1131



5.1180, 0.1636, 0.1090



1.6112, 0.1594, 0.0652



4.0901, 0.2994, 0.3143



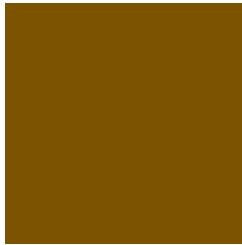
3.0872, 0.1647, 0.1129



13.3161, 0.1622, 0.1040

Previews

White Background



This preview shows how the Yxy color 10.4716, 0.4896, 0.4495 looks on a white background.

Color Contrast Check

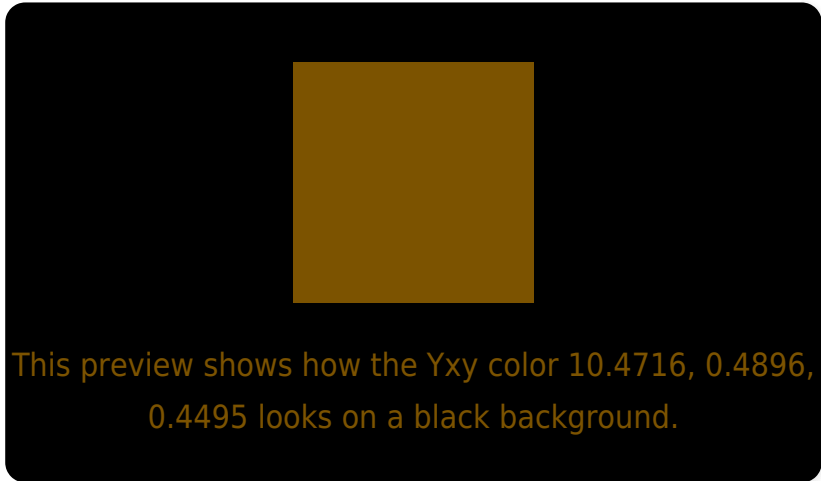
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.4716, 0.4896, 0.4495

Background



This preview shows how black text looks on a background with the Yxy color 10.4716, 0.4896, 0.4495.



This preview shows how white text looks on a background with the Yxy color 10.4716, 0.4896, 0.4495.

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

10.4716, 0.4896, 0.4495

Protanopia

10.5554, 0.4344, 0.4845

Deuteranopia

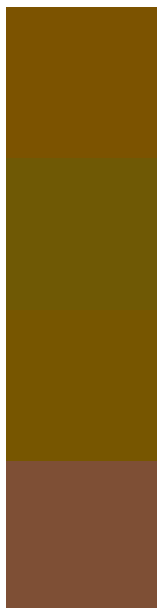
10.5294, 0.4692, 0.4656



Tritanopia

10.4443, 0.3938, 0.3172

Trichromacy



Original Color

10.4716, 0.4896, 0.4495

Protanomaly

10.5352, 0.4547, 0.4717

Deuteranomaly

10.5775, 0.4759, 0.4603

Tritanomaly

10.2846, 0.4453, 0.3803

Monochromacy



Original Color

10.4716, 0.4896, 0.4495

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.4822, 0.3890, 0.4012

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.4716, 0.4896, 0.4495 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(124, 83, 0)` looks like.

```
.text, #text, p{  
    color:rgb(124, 83, 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(124, 83, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 83, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.4716, 0.4896, 0.4495 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(124, 83, 0) }
```

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

```
.border{ border-color:rgb(124, 83, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 83, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 83, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 83, 0);  
box-shadow:4px 4px 4px 4px rgb(124, 83, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.4716, 0.4896, 0.4495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 83, 0) }
```

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

```
.background{ background-color: rgb(124, 83,  
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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