

Converting Colors

$Y_{xy}(10.7346, 0.5180, 0.4820)$

Have a look what the booklet for
Yxy(10.7346, 0.5180, 0.4820)
contains.

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Color

Yxy(10.7763, 0.4904, 0.4488)

Conversions

Conversions Part 1

Format	Color
Hex	7E5400
RGB	126, 84, 0
RGB Percent	49%, 33%, 0%
CMY	0.5059, 0.6706, 0.9999
CMYK	0.00, 0.33, 1.00, 0.51
HSL	40°, 100%, 25%
HSV	40°, 100%, 49%
XYZ	11.7752, 10.7763, 1.4599
YIQ	86.9820, 51.9960, -17.2200

Conversions

Conversions Part 2

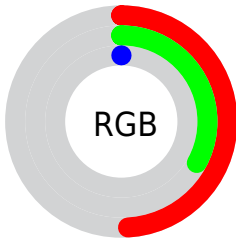
Format	Color
RYB	63, 126, 0
Decimal	8279040
CIELab	39.20, 11.32, 47.66
CIELCh	39, 48.987, 76.639
Yxy	10.7763, 0.4904, 0.4488
Android (android.graphics.Color)	4286469120 (0xFF7E5400)
YUV	86.9820, -42.8821, 34.2188
Hunter-Lab	32.8273, 6.5804, 20.3424

Details

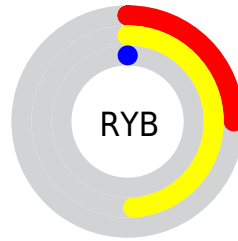
The Yxy color **10.7763, 0.4904, 0.4488** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3.1642, 0.1649, 0.1135**, and the grayscale version is **9.6134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.1279, 0.4528, 0.4291**, and **2.7906, 0.5131, 0.4308** is the 20% darker color. If you saturate the color by 10%, you get **10.7758, 0.4904, 0.4488**, and if you desaturate by 10%, it is **11.4768, 0.4758, 0.4483**.

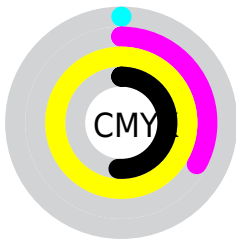
Distribution



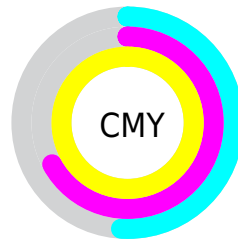
- Red (49%)
- Green (33%)
- Blue (0%)



- Red (25%)
- 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 10.7763, 0.4904, 0.4488 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 10.7763, 0.4904, 0.4488 by changing the saturation by 10% instead.


 10.7763, 0.4904,
0.4488


 10.7763, 0.4904,
0.4488


 196.1263, 0.3886,
0.3875


 5.9166, 0.5218,
0.4635

 27.2458, 0.4524,
0.4294


 2.7944, 0.5412,
0.4588

 39.6243, 0.4380,
0.4207


 1.0254, 0.5613,
0.4387

 55.2780, 0.4261,
0.4132

 0.0000, 1.0000,
0.0000


 74.5911, 0.4161,
0.4065

 0.0000, 0.0000,
0.0000

 97.9481, 0.4076,
0.4008

 125.7334, 0.4003,


0.3958


 158.3313, 0.3941,
0.3914


 10.7763, 0.4904,
0.4488


 10.7763, 0.4904,
0.4488


 10.7758, 0.4904,
0.4488

 11.4768, 0.4758,
0.4483

 12.2315, 0.4598,
0.4447

 13.0512, 0.4414,
0.4367

 13.9395, 0.4216,
0.4251

 14.8996, 0.4013,
0.4108

■ 15.9341, 0.3813,
0.3949

■ 17.0459, 0.3621,
0.3781

■ 18.2372, 0.3442,
0.3612

■ 19.5104, 0.3277,
0.3447

Harmonies

Analogous

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



10.7763, 0.5273, 0.3731



10.7763, 0.4904, 0.4488



10.7763, 0.4096, 0.5171

Triad

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



10.7763, 0.4904, 0.4488



10.7763, 0.1568, 0.3188



10.7763, 0.2808, 0.1944

Complementary

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



10.7763, 0.4904, 0.4488



3.1642, 0.1649, 0.1135

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.



10.7763, 0.1962, 0.1738



10.7763, 0.4904, 0.4488



10.7763, 0.1359, 0.2259

Square

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



10.7763, 0.4904, 0.4488



10.7763, 0.2179, 0.4483



10.7763, 0.1493, 0.1818



10.7763, 0.3943, 0.2399

Rectangle

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



10.7763, 0.4904, 0.4488



10.7763, 0.3445, 0.5372



10.7763, 0.1493, 0.1818



10.7763, 0.2484, 0.1846

Sweetspot

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



10.7769, 0.4904, 0.4488



29.8571, 0.3635, 0.3793



4.6191, 0.5496, 0.2801



6.6356, 0.3700, 0.3851



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.



10.7769, 0.4904, 0.4488



18.6999, 0.4924, 0.4472



18.0554, 0.3939, 0.5254



4.7853, 0.3263, 0.3433



11.0461, 0.4905, 0.4487



0.0000, 0.0000, 0.0000

Inverse Universe

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



3.1642, 0.1649, 0.1135



5.3283, 0.1638, 0.1095



1.6445, 0.1580, 0.0644



4.4279, 0.2993, 0.3142



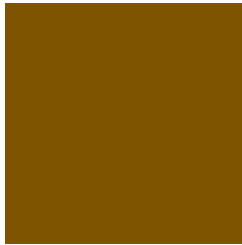
3.2376, 0.1648, 0.1133



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 10.7763, 0.4904, 0.4488 looks on a white background.

Color Contrast Check

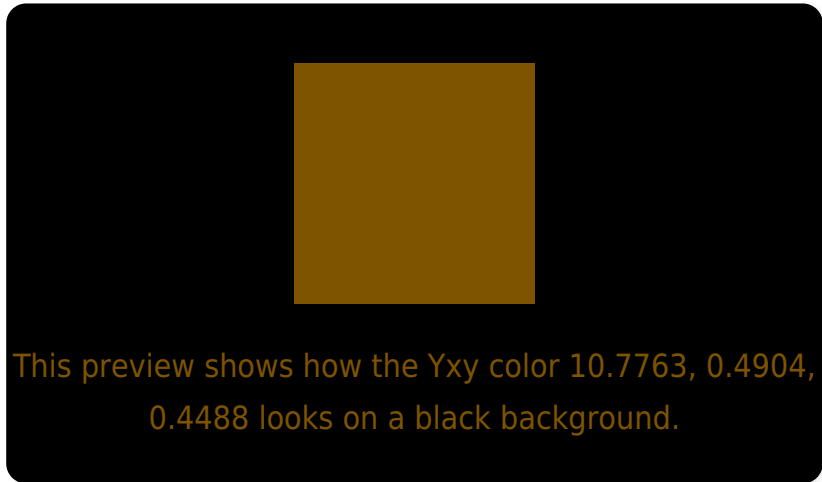
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.7763, 0.4904, 0.4488

Background



This preview shows how black text looks on a background with the Yxy color 10.7763, 0.4904, 0.4488.



This preview shows how white text looks on a background with the Yxy color 10.7763, 0.4904, 0.4488.

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

10.7763, 0.4904, 0.4488

Protanopia

10.8495, 0.4360, 0.4835

Deuteranopia

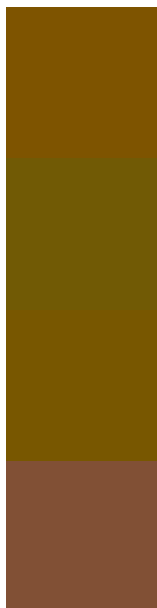
10.7614, 0.4688, 0.4660



Tritanopia

10.8347, 0.3964, 0.3174

Trichromacy



Original Color

10.7763, 0.4904, 0.4488

Protanomaly

10.8340, 0.4561, 0.4709

Deuteranomaly

10.8095, 0.4754, 0.4607

Tritanomaly

10.6615, 0.4489, 0.3809

Monochromacy



Original Color

10.7763, 0.4904, 0.4488

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.6981, 0.3898, 0.4028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7763, 0.4904, 0.4488 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(126, 84, 0)` looks like.

```
.text, #text, p{  
    color:rgb(126, 84, 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(126, 84, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 84, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.7763, 0.4904, 0.4488 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(126, 84, 0) }
```

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

```
.border{ border-color:rgb(126, 84, 0) }
```

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

Here you see how a box with a 4 pixel rgb(126, 84, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 84, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 84, 0);  
box-shadow:4px 4px 4px 4px rgb(126, 84, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.7763, 0.4904, 0.4488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 84, 0) }
```

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

```
.background{ background-color: rgb(126, 84,  
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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