

Converting Colors

$Y_{xy}(10.6040, 0.4611, 0.4660)$

Have a look what the booklet for
Yxy(10.6040, 0.4611, 0.4660)
contains.

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Color

Yxy(10.5700, 0.4610, 0.4658)

Conversions

Conversions Part 1

Format	Color
Hex	725806
RGB	114, 88, 6
RGB Percent	45%, 35%, 2%
CMY	0.5530, 0.6549, 0.9765
CMYK	0.00, 0.23, 0.95, 0.55
HSL	46°, 90%, 24%
HSV	46°, 95%, 45%
XYZ	10.4611, 10.5700, 1.6611
YIQ	86.4260, 41.8180, -19.9900

Conversions

Conversions Part 2

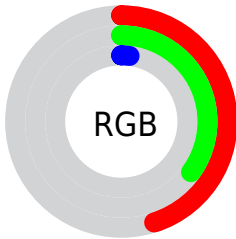
Format	Color
R_YB	40, 114, 6
Decimal	7493638
CIE Lab	38.85, 3.21, 44.96
CIE LCh	39, 45.075, 85.918
Yxy	10.5700, 0.4610, 0.4658
Android (android.graphics.Color)	4285683718 (0xFF725806)
YUV	86.4260, -39.6500, 24.1824
Hunter-Lab	32.5115, 0.5399, 19.7289

Details

The Yxy color **10.5700, 0.4610, 0.4658** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.2855, 0.1643, 0.1035**, and the grayscale version is **9.4813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.9382, 0.4285, 0.4395**, and **2.7199, 0.4737, 0.4621** is the 20% darker color. If you saturate the color by 10%, you get **10.3226, 0.4669, 0.4675**, and if you desaturate by 10%, it is **11.0579, 0.4497, 0.4620**.

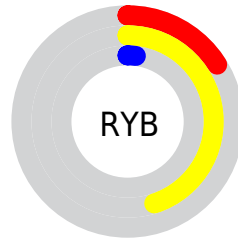
Distribution



Red (45%)

Green (35%)

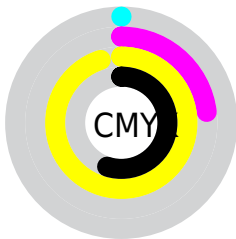
Blue (2%)



Red (16%)

Yellow (45%)

Blue (2%)

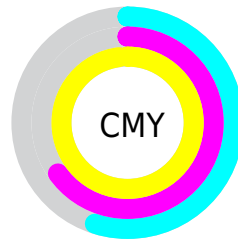


Cyan (0%)

Magenta (23%)

Yellow (95%)

Black (55%)



Cyan (55%)


Magenta (65%)

Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5700, 0.4610, 0.4658 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 10.5700, 0.4610, 0.4658 by changing the saturation by 10% instead.


 10.5700, 0.4610,
0.4658


 10.5700, 0.4610,
0.4658


 194.6932, 0.3762,
0.3898


 5.7785, 0.4856,
0.4863

 26.8622, 0.4294,
0.4385


 2.7109, 0.5032,
0.4968

 39.1317, 0.4174,
0.4278

 0.9827, 0.5094,
0.4906

 54.6627, 0.4075,
0.4188


 0.0000, 0.0000,
0.0000


 73.8395, 0.3991,
0.4111

 97.0466, 0.3920,
0.4046


 124.6683, 0.3860,


0.3989

 157.0891, 0.3808,
0.3941

 10.5700, 0.4610,
0.4658

 10.5700, 0.4610,
0.4658


 10.3226, 0.4669,
0.4675

 11.0579, 0.4497,
0.4620

 11.5799, 0.4360,
0.4542

 12.1400, 0.4203,
0.4426

 12.7405, 0.4033,
0.4279

 13.3835, 0.3857,
0.4110

■ 14.0706, 0.3680,
0.3928

■ 14.8037, 0.3509,
0.3740

■ 15.5841, 0.3347,
0.3554

■ 16.4135, 0.3195,
0.3373

Harmonies

Analogous

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



10.5700, 0.5094, 0.3952



10.5700, 0.4610, 0.4658



10.5700, 0.3783, 0.5168

Triad

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



10.5700, 0.4610, 0.4658



10.5700, 0.1562, 0.2889



10.5700, 0.3146, 0.2132

Complementary

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



10.5700, 0.4610, 0.4658



2.2855, 0.1643, 0.1035

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.



10.5700, 0.2245, 0.1857



10.5700, 0.4610, 0.4658



10.5700, 0.1462, 0.2159

Square

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



10.5700, 0.4610, 0.4658



10.5700, 0.2030, 0.4022



10.5700, 0.1686, 0.1849



10.5700, 0.4210, 0.2628

Rectangle

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



10.5700, 0.4610, 0.4658



10.5700, 0.3156, 0.5165



10.5700, 0.1686, 0.1849



10.5700, 0.2812, 0.2013

Sweetspot

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



10.5705, 0.4610, 0.4658



25.4960, 0.3577, 0.3815



3.8168, 0.5648, 0.2962



5.7962, 0.3634, 0.3878



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



10.5705, 0.4610, 0.4658



17.9445, 0.4684, 0.4663



14.0714, 0.3778, 0.5328



3.7869, 0.3258, 0.3449



11.4668, 0.4672, 0.4672



55.7344, 0.4705, 0.4647

Inverse Universe

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



2.2855, 0.1643, 0.1035



3.3718, 0.1582, 0.0896



1.6683, 0.1739, 0.0778



3.4188, 0.2996, 0.3126



2.2232, 0.1591, 0.0927



9.9180, 0.1568, 0.0844

Previews

White Background



This preview shows how the Yxy color 10.5700, 0.4610, 0.4658 looks on a white background.

Color Contrast Check

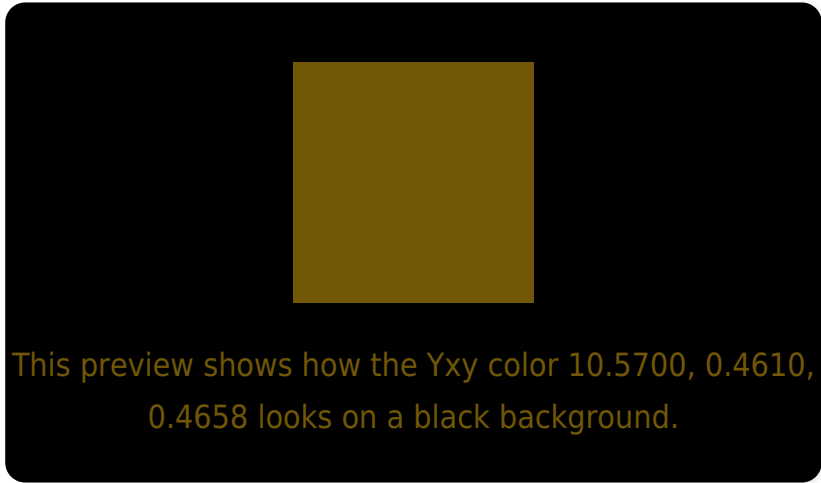
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.5700, 0.4610, 0.4658

Background



This preview shows how black text looks on a background with the Yxy color 10.5700, 0.4610, 0.4658.



This preview shows how white text looks on a background with the Yxy color 10.5700, 0.4610, 0.4658.

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

10.5700, 0.4610, 0.4658

Protanopia

10.6149, 0.4361, 0.4832

Deuteranopia

10.5469, 0.4652, 0.4605



Tritanopia

10.5907, 0.3660, 0.3164

Trichromacy



Original Color

10.5700, 0.4610, 0.4658

Protanomaly

10.6857, 0.4451, 0.4773

Deuteranomaly

10.4766, 0.4641, 0.4623

Tritanomaly

10.4280, 0.4156, 0.3845

Monochromacy



Original Color

10.5700, 0.4610, 0.4658

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.5986, 0.3766, 0.4030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5700, 0.4610, 0.4658 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(114, 88, 6)` looks like.

```
.text, #text, p{  
    color:rgb(114, 88, 6)  
}
```

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(114, 88, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 88, 6) }
```

Border

The CSS property to change the border of an element to Yxy 10.5700, 0.4610, 0.4658 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(114, 88, 6) }
```

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

```
.border{ border-color:rgb(114, 88, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 88, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 88, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 88, 6);  
box-shadow:4px 4px 4px 4px rgb(114, 88, 6)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.5700, 0.4610, 0.4658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 88, 6) }
```

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

```
.background{ background-color: rgb(114, 88,  
6) }
```

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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