

Converting Colors

$Y_{xy}(10.4894, 0.4534, 0.4581)$

Have a look what the booklet for
Yxy(10.4894, 0.4534, 0.4581)
contains.

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Color

Yxy(10.5306, 0.4533, 0.4589)

Conversions

Conversions Part 1

Format	Color
Hex	715811
RGB	113, 88, 17
RGB Percent	44%, 35%, 7%
CMY	0.5568, 0.6549, 0.9333
CMYK	0.00, 0.22, 0.85, 0.56
HSL	44°, 74%, 25%
HSV	44°, 85%, 44%
XYZ	10.4021, 10.5306, 2.0148
YIQ	87.3810, 37.6910, -16.7810

Conversions

Conversions Part 2

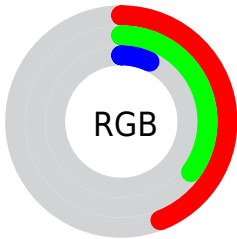
Format	Color
RYB	51, 113, 17
Decimal	7428113
CIELab	38.78, 3.05, 41.55
CIELCh	39, 41.658, 85.800
Yxy	10.5306, 0.4533, 0.4589
Android (android.graphics.Color)	4285618193 (0xFF715811)
YUV	87.3810, -34.6978, 22.4679
Hunter-Lab	32.4509, 0.4289, 19.0345

Details

The Yxy color **10.5306, 0.4533, 0.4589** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.9690, 0.1757, 0.1291**, and the grayscale version is **9.6884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.9070, 0.4215, 0.4321**, and **2.7199, 0.4737, 0.4621** is the 20% darker color. If you saturate the color by 10%, you get **10.0295, 0.4654, 0.4623**, and if you desaturate by 10%, it is **11.0692, 0.4389, 0.4515**.

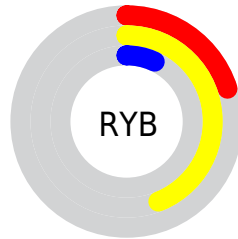
Distribution



Red (44%)

Green (35%)

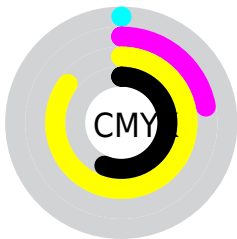
Blue (7%)



Red (20%)

Yellow (44%)

Blue (7%)

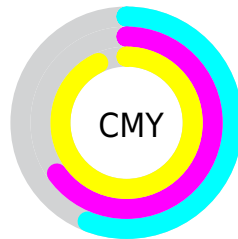


Cyan (0%)

Magenta (22%)

Yellow (85%)

Black (56%)



Cyan (56%)


Magenta (65%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5306, 0.4533, 0.4589 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 10.5306, 0.4533, 0.4589 by changing the saturation by 10% instead.


 10.5306, 0.4533,
0.4589


 10.5306, 0.4533,
0.4589


194.4182, 0.3717,
0.3853


 5.7522, 0.4757,
0.4775

 26.7888, 0.4220,
0.4316


 2.6950, 0.5024,
0.4976


 39.0374, 0.4105,
0.4213

 0.9746, 0.5084,
0.4916

 54.5448, 0.4010,
0.4126

 0.0000, 0.0000,
0.0000

 73.6955, 0.3931,
0.4054

 96.8737, 0.3865,
0.3992


 124.4640, 0.3808,

0.3939


 156.8507, 0.3759,
0.3893

 10.5306, 0.4533,
0.4589


 10.5306, 0.4533,
0.4589


 10.0295, 0.4654,
0.4623


 11.0692, 0.4389,
0.4515

 9.7852, 0.4715,
0.4638

 11.6473, 0.4226,
0.4402

 12.2680, 0.4050,
0.4258

 12.9330, 0.3868,
0.4093

 13.6443, 0.3689,
0.3916

■ 14.4034, 0.3515,
0.3733

■ 15.2121, 0.3351,
0.3551

■ 16.0718, 0.3198,
0.3374

■ 16.9838, 0.3058,
0.3206

Harmonies

Analogous

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



10.5306, 0.4967, 0.3935



10.5306, 0.4533, 0.4589



10.5306, 0.3765, 0.5034

Triad

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



10.5306, 0.4533, 0.4589



10.5306, 0.1659, 0.2933



10.5306, 0.3146, 0.2200

Complementary

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



10.5306, 0.4533, 0.4589



2.9690, 0.1757, 0.1291

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.



10.5306, 0.2302, 0.1940



10.5306, 0.4533, 0.4589



10.5306, 0.1557, 0.2241

Square

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



10.5306, 0.4533, 0.4589



10.5306, 0.2112, 0.3971



10.5306, 0.1770, 0.1936



10.5306, 0.4129, 0.2671

Rectangle

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



10.5306, 0.4533, 0.4589



10.5306, 0.3175, 0.5012



10.5306, 0.1770, 0.1936



10.5306, 0.2835, 0.2087

Sweetspot

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



10.5311, 0.4533, 0.4589



25.6862, 0.3527, 0.3746



4.0841, 0.5252, 0.2882



5.8545, 0.3573, 0.3795



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.



10.5311, 0.4533, 0.4589



17.3022, 0.4732, 0.4625



14.0577, 0.3803, 0.5198



3.7763, 0.3258, 0.3445



11.0647, 0.4719, 0.4635



53.6659, 0.4755, 0.4607

Inverse Universe

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



2.9690, 0.1757, 0.1291



3.5556, 0.1594, 0.0937



2.0329, 0.1844, 0.0929



3.4288, 0.2996, 0.3130



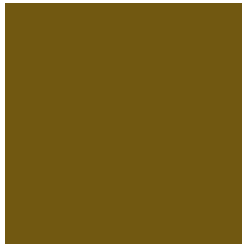
2.3442, 0.1603, 0.0969



10.4542, 0.1579, 0.0882

Previews

White Background



This preview shows how the Yxy color 10.5306, 0.4533, 0.4589 looks on a white background.

Color Contrast Check

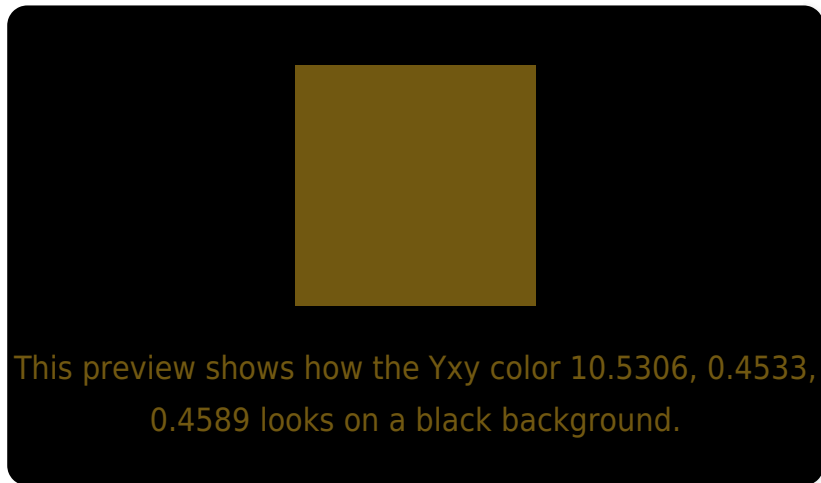
Large Text (above 18pt) WCAG AA ✓ Pass

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

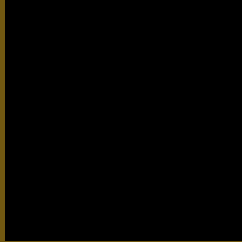
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.5306, 0.4533, 0.4589

Background



This preview shows how black text looks on a background with the Yxy color 10.5306, 0.4533, 0.4589.



This preview shows how white text looks on a background with the Yxy color 10.5306, 0.4533, 0.4589.

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

10.5306, 0.4533, 0.4589

Protanopia

10.5815, 0.4288, 0.4761

Deuteranopia

10.5731, 0.4593, 0.4530



Tritanopia

10.5211, 0.3642, 0.3163

Trichromacy



Original Color

10.5306, 0.4533, 0.4589

Protanomaly

10.6516, 0.4373, 0.4698

Deuteranomaly

10.5049, 0.4577, 0.4541

Tritanomaly

10.4015, 0.4071, 0.3766

Monochromacy



Original Color

10.5306, 0.4533, 0.4589

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.6510, 0.3686, 0.3908

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5306, 0.4533, 0.4589 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(113, 88, 17)` looks like.

```
.text, #text, p{  
    color:rgb(113, 88, 17)  
}
```

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(113, 88, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 88, 17) }
```

Border

The CSS property to change the border of an element to Yxy 10.5306, 0.4533, 0.4589 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(113, 88, 17) }
```

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

```
.border{ border-color:rgb(113, 88, 17) }
```

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

Here you see how a box with a 4 pixel rgb(113, 88, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 88, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 88, 17);  
box-shadow:4px 4px 4px 4px rgb(113, 88,  
17) }
```


Background

The CSS property to change the background color of an element to Yxy 10.5306, 0.4533, 0.4589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 88, 17) }
```

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

```
.background{ background-color: rgb(113, 88,  
17) }
```

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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