

Converting Colors

$Y_{xy}(11.3909, 0.4299, 0.4866)$

Have a look what the booklet for
Yxy(11.3909, 0.4299, 0.4866)
contains.

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Color

Yxy(11.3909, 0.4299, 0.4866)

Conversions

Conversions Part 1

Format	Color
Hex	69600A
RGB	105, 96, 10
RGB Percent	41%, 38%, 4%
CMY	0.5882, 0.6235, 0.9609
CMYK	0.00, 0.09, 0.90, 0.59
HSL	54°, 83%, 23%
HSV	54°, 90%, 41%
XYZ	10.0636, 11.3909, 1.9547
YIQ	88.8870, 32.9700, -24.8380

Conversions

Conversions Part 2

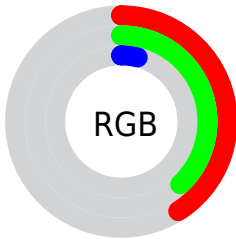
Format	Color
R_{YB}	20, 105, 10
Decimal	6905866
CIE Lab	40.23, -5.83, 44.58
CIE LCh	40, 44.962, 97.455
Yxy	11.3909, 0.4299, 0.4866
Android (android.graphics.Color)	4285095946 (0xFF69600A)
YUV	88.8870, -38.8913, 14.1311
Hunter-Lab	33.7504, -5.8386, 20.1915

Details

The Yxy color **11.3909, 0.4299, 0.4866** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.5495, 0.1618, 0.0862**, and the grayscale version is **10.0458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2989, 0.4063, 0.4508**, and **3.0655, 0.4308, 0.4961** is the 20% darker color. If you saturate the color by 10%, you get **11.1981, 0.4360, 0.4920**, and if you desaturate by 10%, it is **11.6045, 0.4224, 0.4791**.

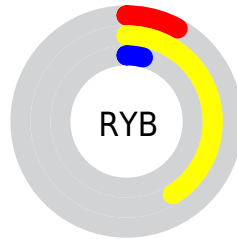
Distribution



Red (41%)

Green (38%)

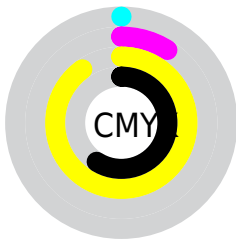
Blue (4%)



Red (8%)

Yellow (41%)

Blue (4%)

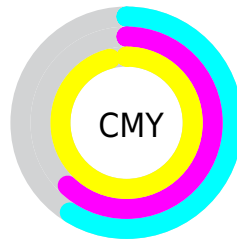


Cyan (0%)

Magenta (9%)

Yellow (90%)

Black (59%)



Cyan (59%)

Magenta (62%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.3909, 0.4299, 0.4866 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 11.3909, 0.4299, 0.4866 by changing the saturation by 10% instead.

■ 11.3909, 0.4299,
0.4866

■ 11.3909, 0.4299,
0.4866

■ 200.3301, 0.3651,
0.3950

■ 6.3304, 0.4452,
0.5121

■ 28.3808, 0.4067,
0.4515

■ 3.0470, 0.4588,
0.5412

■ 41.0789, 0.3975,
0.4386

■ 1.1563, 0.4478,
0.5522

■ 57.0918, 0.3898,
0.4279

■ 0.0256, 0.0000,
1.0000

■ 76.8037, 0.3833,
0.4191


■ 0.0000, 0.0000,
0.0000


■ 100.5991, 0.3777,
0.4116


■ 128.8624, 0.3729,

0.4052


 161.9779, 0.3687,
0.3998

 11.3909, 0.4299,
0.4866


 11.3909, 0.4299,
0.4866


 11.1981, 0.4360,
0.4920

 11.6045, 0.4224,
0.4791

 11.8361, 0.4126,
0.4677

 12.0880, 0.4007,
0.4528

 12.3619, 0.3871,
0.4350

 12.6592, 0.3726,
0.4152

■ 12.9812, 0.3575,
0.3941

■ 13.3290, 0.3424,
0.3724

■ 13.7038, 0.3276,
0.3509

■ 14.1067, 0.3134,
0.3300

Harmonies

Analogous

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



11.3909, 0.4925, 0.4217



11.3909, 0.4299, 0.4866



11.3909, 0.3424, 0.5159

Triad

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



11.3909, 0.4299, 0.4866



11.3909, 0.1518, 0.2575



11.3909, 0.3547, 0.2322

Complementary

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



11.3909, 0.4299, 0.4866



1.5495, 0.1618, 0.0862

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.



11.3909, 0.2569, 0.1961



11.3909, 0.4299, 0.4866



11.3909, 0.1544, 0.2027

Square

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



11.3909, 0.4299, 0.4866



11.3909, 0.1836, 0.3554



11.3909, 0.1887, 0.1849



11.3909, 0.4531, 0.2873

Rectangle

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



11.3909, 0.4299, 0.4866



11.3909, 0.2810, 0.4924



11.3909, 0.1887, 0.1849



11.3909, 0.3199, 0.2177

Sweetspot

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



11.3914, 0.4299, 0.4866



23.4074, 0.3534, 0.3882



3.2688, 0.5894, 0.3181



5.4497, 0.3569, 0.3933



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

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



11.3914, 0.4299, 0.4866



19.9578, 0.4365, 0.4916



11.3189, 0.3564, 0.5437



3.5370, 0.3254, 0.3477



14.1496, 0.4362, 0.4918



71.4119, 0.4373, 0.4910

Inverse Universe

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



1.5495, 0.1618, 0.0862



2.1153, 0.1524, 0.0684



1.8647, 0.2013, 0.0968



3.0671, 0.2997, 0.3096



1.5333, 0.1528, 0.0699



7.2007, 0.1514, 0.0651

Previews

White Background



This preview shows how the Yxy color 11.3909, 0.4299, 0.4866 looks on a white background.

Color Contrast Check

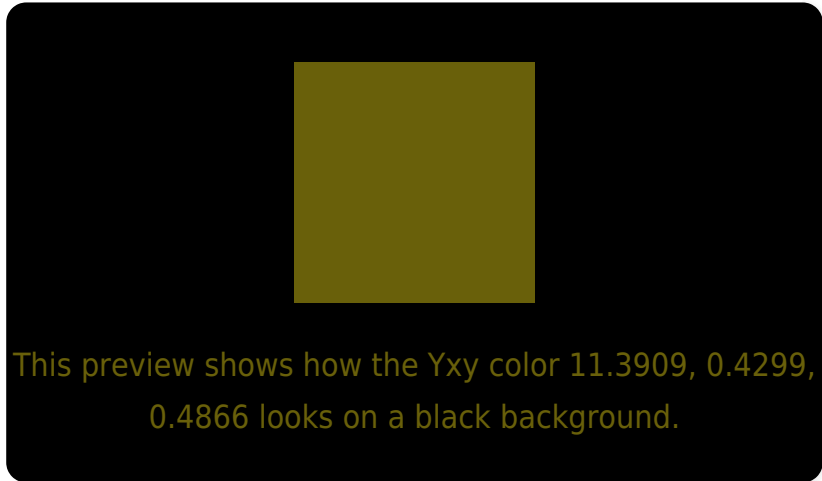
Large Text (above 18pt) WCAG AA ✓ Pass

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

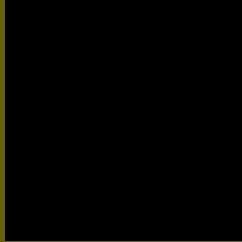
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.3909, 0.4299, 0.4866

Background



This preview shows how black text looks on a background with the Yxy color 11.3909, 0.4299, 0.4866.



This preview shows how white text looks on a background with the Yxy color 11.3909, 0.4299, 0.4866.

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

11.3909, 0.4299, 0.4866

Protanopia

11.3321, 0.4349, 0.4827

Deuteranopia

11.3428, 0.4614, 0.4553



Tritanopia

11.3688, 0.3379, 0.3138

Trichromacy



Original Color

11.3909, 0.4299, 0.4866

Protanomaly

11.2705, 0.4332, 0.4839

Deuteranomaly

11.3308, 0.4511, 0.4657

Tritanomaly

11.2872, 0.3827, 0.3896

Monochromacy



Original Color

11.3909, 0.4299, 0.4866

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.4134, 0.3662, 0.4073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3909, 0.4299, 0.4866 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(105, 96, 10)` looks like.

```
.text, #text, p{  
    color:rgb(105, 96, 10)  
}
```

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(105, 96, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 96, 10) }
```

Border

The CSS property to change the border of an element to Yxy 11.3909, 0.4299, 0.4866 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(105, 96, 10) }
```

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

```
.border{ border-color:rgb(105, 96, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 96, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 96, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 96, 10);  
box-shadow:4px 4px 4px 4px rgb(105, 96,  
10) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3909, 0.4299, 0.4866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 96, 10) }
```

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

```
.background{ background-color: rgb(105, 96,  
10) }
```

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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