

Converting Colors

$Y_{xy}(10.7487, 0.4609, 0.5242)$

Have a look what the booklet for
Yxy(10.7487, 0.4609, 0.5242)
contains.

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Color

Yxy(10.7718, 0.4381, 0.4904)

Conversions

Conversions Part 1

Format	Color
Hex	685D00
RGB	104, 93, 0
RGB Percent	41%, 36%, 0%
CMY	0.5922, 0.6353, 1.0000
CMYK	0.00, 0.11, 1.00, 0.59
HSL	54°, 100%, 20%
HSV	54°, 100%, 41%
XYZ	9.6230, 10.7718, 1.5705
YIQ	85.6870, 36.4090, -26.5910

Conversions

Conversions Part 2

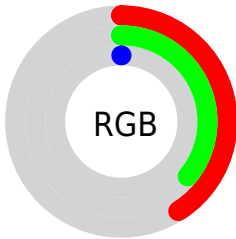
Format	Color
R _Y B	12, 104, 0
Decimal	6839552
CIE Lab	39.19, -4.86, 46.48
CIE LCh	39, 46.730, 95.975
Yxy	10.7718, 0.4381, 0.4904
Android (android.graphics.Color)	4285029632 (0xFF685D00)
YUV	85.6870, -42.2437, 16.0605
Hunter-Lab	32.8204, -5.0992, 20.1372

Details

The Yxy color **10.7718, 0.4381, 0.4904** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.2387, 0.1535, 0.0726**, and the grayscale version is **9.3220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.2094, 0.4131, 0.4558**, and **2.8708, 0.4341, 0.4935** is the 20% darker color. If you saturate the color by 10%, you get **10.7724, 0.4381, 0.4904**, and if you desaturate by 10%, it is **10.9896, 0.4313, 0.4847**.

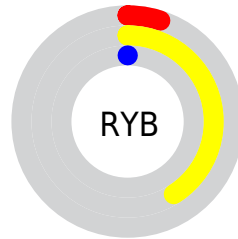
Distribution



Red (41%)

Green (36%)

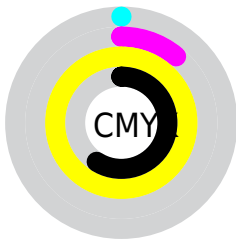
Blue (0%)



Red (5%)

Yellow (41%)

Blue (0%)

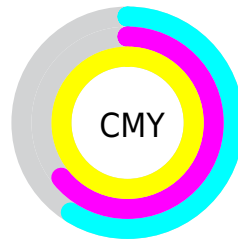


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (59%)



Cyan (59%)


Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7718, 0.4381, 0.4904 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 10.7718, 0.4381, 0.4904 by changing the saturation by 10% instead.


 10.7718, 0.4381,
0.4904


 10.7718, 0.4381,
0.4904


 196.0952, 0.3690,
0.3974


 5.9136, 0.4573,
0.5190

 27.2374, 0.4137,
0.4554

 2.7926, 0.4629,
0.5371


 39.6136, 0.4039,
0.4423

 1.0244, 0.4531,
0.5469

 55.2646, 0.3956,
0.4314

 0.0000, 0.0000,
0.0000


 74.5748, 0.3886,
0.4223


 97.9285, 0.3826,
0.4146

 125.7102, 0.3774,


0.4080


 158.3043, 0.3729,
0.4023


 10.7718, 0.4381,
0.4904


 10.7718, 0.4381,
0.4904

 10.7724, 0.4381,
0.4904

 10.9896, 0.4313,
0.4847

 11.2174, 0.4233,
0.4771

 11.4640, 0.4130,
0.4656

 11.7312, 0.4007,
0.4507

 12.0204, 0.3869,
0.4329

■ 12.3332, 0.3721,
0.4131

■ 12.6707, 0.3569,
0.3922

■ 13.0341, 0.3417,
0.3708

■ 13.4245, 0.3269,
0.3496

Harmonies

Analogous

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



10.7718, 0.5031, 0.4202



10.7718, 0.4381, 0.4904



10.7718, 0.3470, 0.5274

Triad

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



10.7718, 0.4381, 0.4904



10.7718, 0.1452, 0.2568



10.7718, 0.3512, 0.2252

Complementary

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



10.7718, 0.4381, 0.4904



1.2387, 0.1535, 0.0726

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.



10.7718, 0.2493, 0.1890



10.7718, 0.4381, 0.4904



10.7718, 0.1466, 0.1980

Square

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



10.7718, 0.4381, 0.4904



10.7718, 0.1794, 0.3624



10.7718, 0.1803, 0.1786



10.7718, 0.4568, 0.2814

Rectangle

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



10.7718, 0.4381, 0.4904



10.7718, 0.2827, 0.5068



10.7718, 0.1803, 0.1786



10.7718, 0.3146, 0.2105

Sweetspot

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



10.7724, 0.4381, 0.4904



22.1784, 0.3582, 0.3940



2.9699, 0.6166, 0.3171



5.3654, 0.3629, 0.4005



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.



10.7724, 0.4381, 0.4904



18.8045, 0.4386, 0.4899



10.9949, 0.3569, 0.5548



3.2211, 0.3253, 0.3473



13.2527, 0.4383, 0.4902



68.3614, 0.4395, 0.4892

Inverse Universe

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



1.2387, 0.1535, 0.0726



2.0754, 0.1527, 0.0697



1.4479, 0.1870, 0.0804



2.8060, 0.2999, 0.3100



1.4982, 0.1532, 0.0714



7.1475, 0.1517, 0.0660

Previews

White Background



This preview shows how the Yxy color 10.7718, 0.4381, 0.4904 looks on a white background.

Color Contrast Check

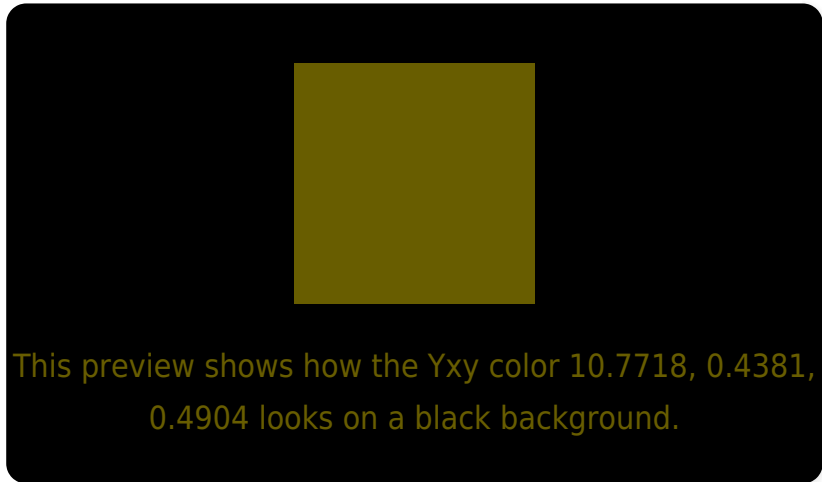
Large Text (above 18pt) WCAG AA ✓ Pass

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

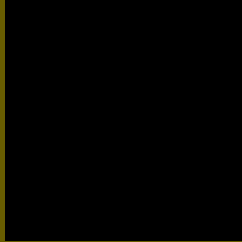
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.7718, 0.4381, 0.4904

Background



This preview shows how black text looks on a background with the Yxy color 10.7718, 0.4381, 0.4904.



This preview shows how white text looks on a background with the Yxy color 10.7718, 0.4381, 0.4904.

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

10.7718, 0.4381, 0.4904

Protanopia

10.7718, 0.4381, 0.4904

Deuteranopia

10.7879, 0.4628, 0.4584



Tritanopia

10.6971, 0.3403, 0.3135

Trichromacy



Original Color

10.7718, 0.4381, 0.4904

Protanomaly

10.7718, 0.4381, 0.4904

Deuteranomaly

10.7746, 0.4530, 0.4701

Tritanomaly

10.5863, 0.3913, 0.3973

Monochromacy



Original Color

10.7718, 0.4381, 0.4904

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.7477, 0.3725, 0.4138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7718, 0.4381, 0.4904 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(104, 93, 0)` looks like.

```
.text, #text, p{  
    color:rgb(104, 93, 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(104, 93, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 93, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.7718, 0.4381, 0.4904 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(104, 93, 0) }
```

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

```
.border{ border-color:rgb(104, 93, 0) }
```

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

Here you see how a box with a 4 pixel rgb(104, 93, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 93, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 93, 0);  
box-shadow:4px 4px 4px 4px rgb(104, 93, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.7718, 0.4381, 0.4904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 93, 0) }
```

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

```
.background{ background-color: rgb(104, 93,  
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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