

Converting Colors

$Y_{xy}(11.4937, 0.3778, 0.4691)$

Have a look what the booklet for
Yxy(11.4937, 0.3778, 0.4691)
contains.

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Color

Yxy(11.4917, 0.3780, 0.4694)

Conversions

Conversions Part 1

Format	Color
Hex	5B6428
RGB	91, 100, 40
RGB Percent	36%, 39%, 16%
CMY	0.6431, 0.6078, 0.8432
CMYK	0.09, 0.00, 0.60, 0.61
HSL	69°, 43%, 27%
HSV	69°, 60%, 39%
XYZ	9.2541, 11.4917, 3.7359
YIQ	90.4690, 13.8960, -20.5680

Conversions

Conversions Part 2

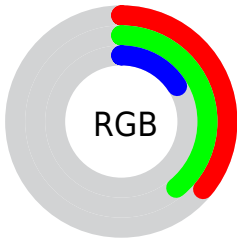
Format	Color
R_{YB}	40, 100, 49
Decimal	5989416
CIE _{Lab}	40.40, -13.07, 32.25
CIE _{LCh}	40, 34.793, 112.060
Y _{xy}	11.4917, 0.3780, 0.4694
Android (android.graphics.Color)	4284179496 (0xFF5B6428)
YUV	90.4690, -24.8812, 0.4657
Hunter-Lab	33.8994, -10.5959, 17.1955

Details

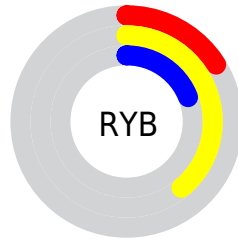
The Yxy color **11.4917, 0.3780, 0.4694** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3.0890, 0.2180, 0.1557**, and the grayscale version is **10.3899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6774, 0.3642, 0.4324**, and **3.0817, 0.3941, 0.5253** is the 20% darker color. If you saturate the color by 10%, you get **11.3573, 0.3851, 0.4882**, and if you desaturate by 10%, it is **11.6463, 0.3691, 0.4479**.

Distribution



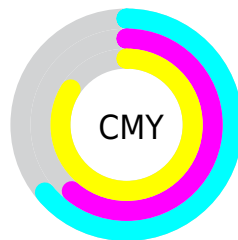
- Red (36%)
- Green (39%)
- Blue (16%)



- Red (16%)
- Yellow (39%)
- Blue (19%)



- Cyan (9%)
- Magenta (0%)
- Yellow (60%)
- Black (61%)




- Cyan (64%)
- Magenta (61%)
- Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4917, 0.3780, 0.4694 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 11.4917, 0.3780, 0.4694 by changing the saturation by 10% instead.


 11.4917, 0.3780,
0.4694


 11.4917, 0.3780,
0.4694


 201.0105, 0.3413,
0.3824


 6.3986, 0.3866,
0.4981


 28.5659, 0.3643,
0.4328


 3.0889, 0.4072,
0.5561

 41.3158, 0.3591,
0.4206


 1.1783, 0.3967,
0.6033

 57.3867, 0.3548,
0.4109

 0.0439, 0.0000,
1.0000

 77.1630, 0.3513,
0.4030

 0.0000, 0.0000,
0.0000

 101.0291, 0.3482,
0.3965

 129.3695, 0.3456,

0.3911

162.5685, 0.3433,
0.3864

11.4917, 0.3780,
0.4694

11.4917, 0.3780,
0.4694

11.3573, 0.3851,
0.4882

11.6463, 0.3691,
0.4479

11.2401, 0.3901,
0.5036

11.8208, 0.3588,
0.4246

11.1391, 0.3929,
0.5151

12.0168, 0.3477,
0.4004

11.0464, 0.3946,
0.5249

12.2354, 0.3360,
0.3760

12.4776, 0.3243,
0.3521

■ 12.7443, 0.3127,
0.3291

■ 13.0363, 0.3016,
0.3073

■ 13.3545, 0.2910,
0.2871

■ 13.6997, 0.2811,
0.2683

Harmonies

Analogous

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



11.4917, 0.4381, 0.4346



11.4917, 0.3780, 0.4694



11.4917, 0.3044, 0.4587

Triad

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



11.4917, 0.3780, 0.4694



11.4917, 0.1795, 0.2490



11.4917, 0.3851, 0.2722

Complementary

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



11.4917, 0.3780, 0.4694



3.0890, 0.2180, 0.1557

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.



11.4917, 0.3056, 0.2333



11.4917, 0.3780, 0.4694



11.4917, 0.1946, 0.2174

Square

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



11.4917, 0.3780, 0.4694



11.4917, 0.1932, 0.3116



11.4917, 0.2375, 0.2135



11.4917, 0.4473, 0.3239

Rectangle

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



11.4917, 0.3780, 0.4694



11.4917, 0.2575, 0.4202



11.4917, 0.2375, 0.2135



11.4917, 0.3589, 0.2575

Sweetspot

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



11.4922, 0.3780, 0.4694



21.5091, 0.3343, 0.3724



5.0579, 0.4671, 0.3507



5.2707, 0.3368, 0.3777



53.8236, 0.3127, 0.3290



5.4972, 0.3127, 0.3290

Same Dimension

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



11.4922, 0.3780, 0.4694



19.8215, 0.3874, 0.4949



10.2599, 0.3308, 0.4945



3.2482, 0.3230, 0.3495



14.7752, 0.3942, 0.5252



76.7606, 0.3926, 0.5264

Inverse Universe

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



3.0890, 0.2180, 0.1557



3.5900, 0.1933, 0.1154



4.0985, 0.2744, 0.1790



2.7816, 0.3019, 0.3079



1.3533, 0.1586, 0.0648



6.8073, 0.1552, 0.0629

Previews

White Background



This preview shows how the Yxy color 11.4917, 0.3780, 0.4694 looks on a white background.

Color Contrast Check

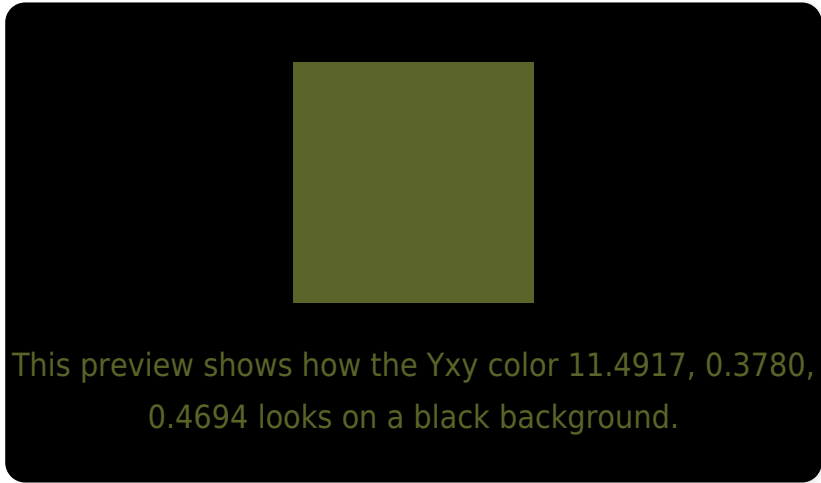
Large Text (above 18pt) WCAG AA ✓ Pass

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

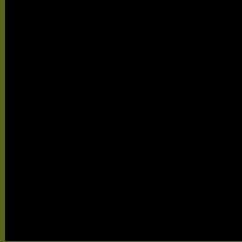
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4917, 0.3780, 0.4694

Background



This preview shows how black text looks on a background with the Yxy color 11.4917, 0.3780, 0.4694.



This preview shows how white text looks on a background with the Yxy color 11.4917, 0.3780, 0.4694.

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

11.4917, 0.3780, 0.4694

Protanopia

11.3951, 0.4101, 0.4492

Deuteranopia

11.5081, 0.4306, 0.4254



Tritanopia

11.5417, 0.3089, 0.3130

Trichromacy



Original Color

11.4917, 0.3780, 0.4694

Protanomaly

11.4626, 0.3991, 0.4571

Deuteranomaly

11.3607, 0.4112, 0.4405

Tritanomaly

11.3632, 0.3357, 0.3699

Monochromacy



Original Color

11.4917, 0.3780, 0.4694

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.6469, 0.3386, 0.3840

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4917, 0.3780, 0.4694 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(91, 100, 40)` looks like.

```
.text, #text, p{  
    color:rgb(91, 100, 40)  
}
```

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(91, 100, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 100, 40) }
```

Border

The CSS property to change the border of an element to Yxy 11.4917, 0.3780, 0.4694 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(91, 100, 40) }
```

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

```
.border{ border-color:rgb(91, 100, 40) }
```

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

Here you see how a box with a 4 pixel rgb(91, 100, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 100, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 100, 40);  
box-shadow:4px 4px 4px 4px rgb(91, 100,  
40) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4917, 0.3780, 0.4694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 100, 40) }
```

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

```
.background{ background-color: rgb(91, 100,  
40) }
```

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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