

Converting Colors

$Y_{xy}(10.8908, 0.3967, 0.4862)$

Have a look what the booklet for
Yxy(10.8908, 0.3967, 0.4862)
contains.

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Color

Yxy(10.8993, 0.3964, 0.4868)

Conversions

Conversions Part 1

Format	Color
Hex	5C611A
RGB	92, 97, 26
RGB Percent	36%, 38%, 10%
CMY	0.6392, 0.6196, 0.8979
CMYK	0.05, 0.00, 0.73, 0.62
HSL	64°, 58%, 24%
HSV	64°, 73%, 38%
XYZ	8.8753, 10.8993, 2.6151
YIQ	87.4110, 19.8110, -23.1410

Conversions

Conversions Part 2

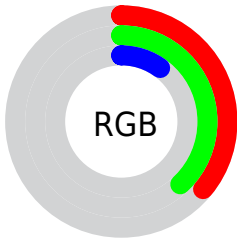
Format	Color
RYB	26, 97, 31
Decimal	6054170
CIELab	39.41, -12.00, 37.83
CIElCh	39, 39.688, 107.597
Yxy	10.8993, 0.3964, 0.4868
Android (android.graphics.Color)	4284244250 (0xFF5C611A)
YUV	87.4110, -30.2756, 4.0246
Hunter-Lab	33.0141, -9.7880, 18.4134

Details

The Yxy color **10.8993, 0.3964, 0.4868** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1.8952, 0.1875, 0.1148**, and the grayscale version is **9.6889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.3047, 0.3791, 0.4461**, and **2.9031, 0.3991, 0.5213** is the 20% darker color. If you saturate the color by 10%, you get **10.8285, 0.4021, 0.4995**, and if you desaturate by 10%, it is **10.9862, 0.3885, 0.4705**.

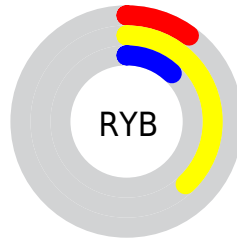
Distribution



Red (36%)

Green (38%)

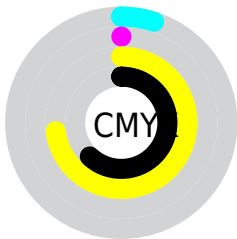
Blue (10%)



Red (10%)

Yellow (38%)

Blue (12%)

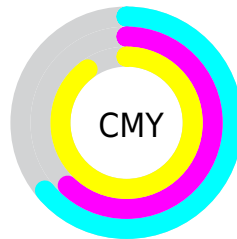


Cyan (5%)

Magenta (0%)

Yellow (73%)

Black (62%)



Cyan (64%)

Magenta (62%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.8993, 0.3964, 0.4868 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 10.8993, 0.3964, 0.4868 by changing the saturation by 10% instead.


 10.8993, 0.3964,
0.4868


 10.8993, 0.3964,
0.4868


196.9754, 0.3499,
0.3901


 5.9992, 0.4060,
0.5165

 27.4738, 0.3795,
0.4470


 2.8446, 0.4264,
0.5736


 39.9170, 0.3730,
0.4334

 1.0511, 0.3988,
0.6012

 55.6432, 0.3674,
0.4225

 0.0000, 0.0000,
0.0000

 75.0370, 0.3628,
0.4136

 98.4828, 0.3588,
0.4062

 126.3648, 0.3554,

0.4000

■ 159.0675, 0.3525,
0.3947

■ 10.8993, 0.3964,
0.4868

■ 10.8993, 0.3964,
0.4868

■ 10.8285, 0.4021,
0.4995

■ 10.9862, 0.3885,
0.4705

■ 10.7699, 0.4056,
0.5086

■ 11.0889, 0.3788,
0.4512

■ 10.7318, 0.4078,
0.5144

■ 11.2092, 0.3676,
0.4297

■ 11.3481, 0.3553,
0.4066

■ 11.5067, 0.3425,
0.3829

■ 11.6857, 0.3295,
0.3592

■ 11.8862, 0.3167,
0.3361

■ 12.1089, 0.3043,
0.3140

■ 12.3546, 0.2925,
0.2932

Harmonies

Analogous

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



10.8993, 0.4622, 0.4377



10.8993, 0.3964, 0.4868



10.8993, 0.3134, 0.4883

Triad

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



10.8993, 0.3964, 0.4868



10.8993, 0.1625, 0.2442



10.8993, 0.3827, 0.2564

Complementary

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



10.8993, 0.3964, 0.4868



1.8952, 0.1875, 0.1148

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.



10.8993, 0.2906, 0.2160



10.8993, 0.3964, 0.4868



10.8993, 0.1748, 0.2050

Square

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



10.8993, 0.3964, 0.4868



10.8993, 0.1816, 0.3206



10.8993, 0.2175, 0.1975



10.8993, 0.4609, 0.3120

Rectangle

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



10.8993, 0.3964, 0.4868



10.8993, 0.2589, 0.4493



10.8993, 0.2175, 0.1975



10.8993, 0.3515, 0.2409

Sweetspot

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



10.8998, 0.3964, 0.4868



19.7382, 0.3418, 0.3817



3.5839, 0.5303, 0.3394



4.8884, 0.3441, 0.3858



52.2522, 0.3127, 0.3290



5.0876, 0.3127, 0.3290

Same Dimension

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



10.8998, 0.3964, 0.4868



18.4852, 0.4048, 0.5064



9.4880, 0.3388, 0.5239



2.9608, 0.3240, 0.3492



14.5934, 0.4076, 0.5146



77.8024, 0.4069, 0.5152

Inverse Universe

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



1.8952, 0.1875, 0.1148



2.0000, 0.1637, 0.0776



2.7703, 0.2502, 0.1446



2.5235, 0.3010, 0.3081



1.2253, 0.1539, 0.0621



6.3916, 0.1517, 0.0609

Previews

White Background



This preview shows how the Yxy color 10.8993, 0.3964, 0.4868 looks on a white background.

Color Contrast Check

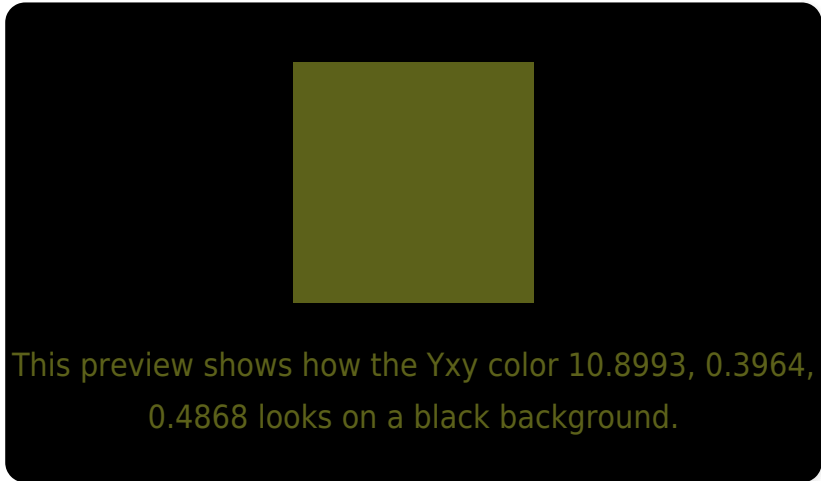
Large Text (above 18pt) WCAG AA ✓ Pass

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

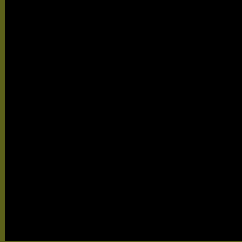
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.8993, 0.3964, 0.4868

Background



This preview shows how black text looks on a background with the Yxy color 10.8993, 0.3964, 0.4868.



This preview shows how white text looks on a background with the Yxy color 10.8993, 0.3964, 0.4868.

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

10.8993, 0.3964, 0.4868

Protanopia

10.8419, 0.4235, 0.4686

Deuteranopia

10.7862, 0.4469, 0.4412



Tritanopia

10.7908, 0.3136, 0.3105

Trichromacy



Original Color

10.8993, 0.3964, 0.4868

Protanomaly

10.7849, 0.4152, 0.4746

Deuteranomaly

10.6967, 0.4281, 0.4567

Tritanomaly

10.7834, 0.3491, 0.3799

Monochromacy



Original Color

10.8993, 0.3964, 0.4868

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.9877, 0.3489, 0.3953

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8993, 0.3964, 0.4868 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(92, 97, 26) looks like.

```
.text, #text, p{  
    color:rgb(92, 97, 26)  
}
```

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(92, 97, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 97, 26) }
```

Border

The CSS property to change the border of an element to Yxy 10.8993, 0.3964, 0.4868 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(92, 97, 26) }
```

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

```
.border{ border-color:rgb(92, 97, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 97, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 97, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 97, 26);  
box-shadow:4px 4px 4px 4px rgb(92, 97, 26)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.8993, 0.3964, 0.4868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 97, 26) }
```

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

```
.background{ background-color: rgb(92, 97,  
26) }
```

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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