

Converting Colors

$Y_{xy}(10.8447, 0.4044, 0.5000)$

Have a look what the booklet for
Yxy(10.8447, 0.4044, 0.5000)
contains.

Yxy(10.8592, 0.4040, 0.5000)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(10.8592, 0.4040, 0.5000)

Conversions

Conversions Part 1

Format	Color
Hex	5C610F
RGB	92, 97, 15
RGB Percent	36%, 38%, 6%
CMY	0.6392, 0.6196, 0.9412
CMYK	0.05, 0.00, 0.85, 0.62
HSL	64°, 73%, 22%
HSV	64°, 85%, 38%
XYZ	8.7742, 10.8592, 2.0850
YIQ	86.1570, 23.3420, -26.5620

Conversions

Conversions Part 2

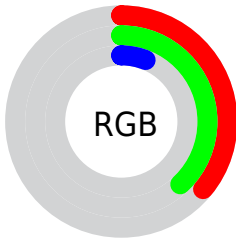
Format	Color
R_{YB}	15, 97, 20
Decimal	6054159
CIE Lab	39.34, -12.57, 41.91
CIE LCh	39, 43.755, 106.695
Yxy	10.8592, 0.4040, 0.5000
Android (android.graphics.Color)	4284244239 (0xFF5C610F)
YUV	86.1570, -35.0804, 5.1243
Hunter-Lab	32.9533, -10.1404, 19.3160

Details

The Yxy color **10.8592, 0.4040, 0.5000** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.3532, 0.1699, 0.0878**, and the grayscale version is **9.4134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.2805, 0.3876, 0.4579**, and **2.8812, 0.3962, 0.5236** is the 20% darker color. If you saturate the color by 10%, you get **10.8065, 0.4075, 0.5086**, and if you desaturate by 10%, it is **10.9247, 0.3985, 0.4880**.

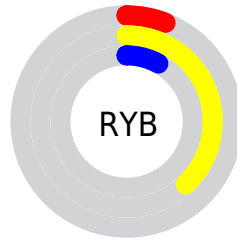
Distribution



Red (36%)

Green (38%)

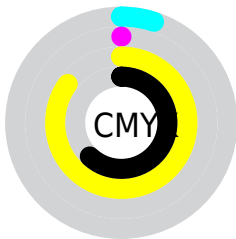
Blue (6%)



Red (6%)

Yellow (38%)

Blue (8%)

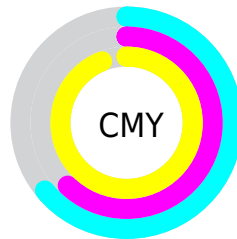


Cyan (5%)

Magenta (0%)

Yellow (85%)

Black (62%)



Cyan (64%)


Magenta (62%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.8592, 0.4040, 0.5000 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 10.8592, 0.4040, 0.5000 by changing the saturation by 10% instead.


 10.8592, 0.4040,
0.5000


 10.8592, 0.4040,
0.5000


196.6990, 0.3545,
0.3963


 5.9722, 0.4141,
0.5318

 27.3995, 0.3868,
0.4581


 2.8282, 0.4233,
0.5767

 39.8216, 0.3798,
0.4435

 1.0427, 0.3934,
0.6066

 55.5243, 0.3738,
0.4317

 0.0000, 0.0000,
0.0000

 74.8918, 0.3688,
0.4221

 98.3087, 0.3644,
0.4140

 126.1592, 0.3606,

0.4072

 158.8279, 0.3573,
0.4014

 10.8592, 0.4040,
0.5000


 10.8592, 0.4040,
0.5000


 10.8065, 0.4075,
0.5086


 10.9247, 0.3985,
0.4880

 10.7784, 0.4093,
0.5132

 11.0045, 0.3907,
0.4724

 11.1004, 0.3811,
0.4537

 11.2135, 0.3699,
0.4325

 11.3451, 0.3576,
0.4097

■ 11.4962, 0.3446,
0.3861

■ 11.6675, 0.3315,
0.3625

■ 11.8600, 0.3185,
0.3393

■ 12.0746, 0.3059,
0.3170

Harmonies

Analogous

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



10.8592, 0.4759, 0.4423



10.8592, 0.4040, 0.5000



10.8592, 0.3141, 0.5078

Triad

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



10.8592, 0.4040, 0.5000



10.8592, 0.1505, 0.2371



10.8592, 0.3863, 0.2483

Complementary

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



10.8592, 0.4040, 0.5000



1.3532, 0.1699, 0.0878

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.



10.8592, 0.2850, 0.2059



10.8592, 0.4040, 0.5000



10.8592, 0.1628, 0.1950

Square

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



10.8592, 0.4040, 0.5000



10.8592, 0.1711, 0.3215



10.8592, 0.2071, 0.1867



10.8592, 0.4742, 0.3070

Rectangle

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



10.8592, 0.4040, 0.5000



10.8592, 0.2549, 0.4665



10.8592, 0.2071, 0.1867



10.8592, 0.3517, 0.2319

Sweetspot

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



10.8597, 0.4040, 0.5000



19.6717, 0.3462, 0.3889



3.0448, 0.5797, 0.3361



4.8683, 0.3493, 0.3947



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.



10.8597, 0.4040, 0.5000



18.4588, 0.4090, 0.5134



9.3119, 0.3390, 0.5468



2.9619, 0.3241, 0.3492



14.6570, 0.4092, 0.5133



78.1617, 0.4085, 0.5138

Inverse Universe

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



1.3532, 0.1699, 0.0878



1.5286, 0.1530, 0.0616



2.1682, 0.2349, 0.1213



2.5225, 0.3008, 0.3081



1.2185, 0.1533, 0.0618



6.3720, 0.1514, 0.0608

Previews

White Background



This preview shows how the Yxy color 10.8592, 0.4040, 0.5000 looks on a white background.

Color Contrast Check

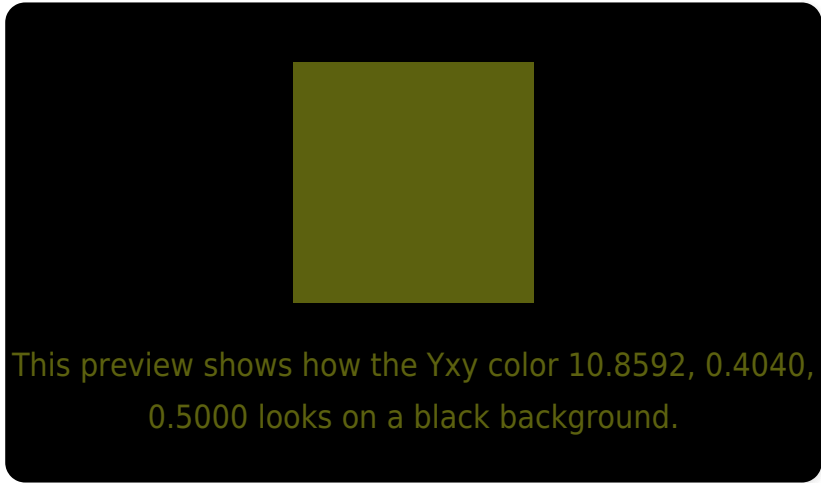
Large Text (above 18pt) WCAG AA ✓ Pass

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

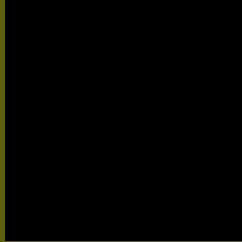
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.8592, 0.4040, 0.5000

Background



This preview shows how black text looks on a background with the Yxy color 10.8592, 0.4040, 0.5000.



This preview shows how white text looks on a background with the Yxy color 10.8592, 0.4040, 0.5000.

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

10.8592, 0.4040, 0.5000

Protanopia

10.8035, 0.4313, 0.4803

Deuteranopia

10.8155, 0.4568, 0.4507



Tritanopia

10.8280, 0.3167, 0.3129

Trichromacy



Original Color

10.8592, 0.4040, 0.5000

Protanomaly

10.7464, 0.4229, 0.4867

Deuteranomaly

10.7173, 0.4383, 0.4677

Tritanomaly

10.7207, 0.3567, 0.3922

Monochromacy



Original Color

10.8592, 0.4040, 0.5000

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.7133, 0.3553, 0.4062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8592, 0.4040, 0.5000 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, 15)` looks like.

```
.text, #text, p{  
    color:rgb(92, 97, 15)  
}
```

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, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 97, 15) }
```

Border

The CSS property to change the border of an element to Yxy 10.8592, 0.4040, 0.5000 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, 15) }
```

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

```
.border{ border-color:rgb(92, 97, 15) }
```

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, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 97, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 97, 15);  
box-shadow:4px 4px 4px 4px rgb(92, 97, 15)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.8592, 0.4040, 0.5000 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, 15) }
```

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

```
.background{ background-color: rgb(92, 97,  
15) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor