

Converting Colors

$Y_{xy}(10.8835, 0.3412, 0.5397)$

Have a look what the booklet for
Yxy(10.8835, 0.3412, 0.5397)
contains.

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Color

Yxy(10.8809, 0.3413, 0.5397)

Conversions

Conversions Part 1

Format	Color
Hex	3B6814
RGB	59, 104, 20
RGB Percent	23%, 41%, 8%
CMY	0.7686, 0.5922, 0.9216
CMYK	0.43, 0.00, 0.81, 0.59
HSL	92°, 68%, 24%
HSV	92°, 81%, 41%
XYZ	6.8810, 10.8809, 2.3992
YIQ	80.9690, 0.1440, -35.6640

Conversions

Conversions Part 2

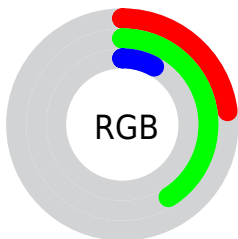
Format	Color
RYB	20, 104, 65
Decimal	3893268
CIELab	39.38, -30.31, 39.41
CIELCh	39, 49.722, 127.567
Yxy	10.8809, 0.3413, 0.5397
Android (android.graphics.Color)	4282083348 (0xFF3B6814)
YUV	80.9690, -30.0577, -19.2668
Hunter-Lab	32.9862, -20.4906, 18.7781

Details

The Yxy color **10.8809, 0.3413, 0.5397** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2.6229, 0.2358, 0.1255**, and the grayscale version is **8.2834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5986, 0.3415, 0.4822**, and **2.8542, 0.3056, 0.5956** is the 20% darker color. If you saturate the color by 10%, you get **10.6907, 0.3386, 0.5573**, and if you desaturate by 10%, it is **11.1061, 0.3421, 0.5175**.

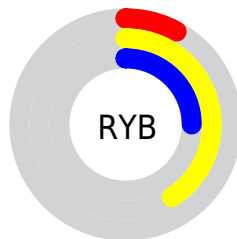
Distribution



Red (23%)

Green (41%)

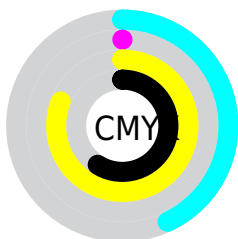
Blue (8%)



Red (8%)

Yellow (41%)

Blue (25%)

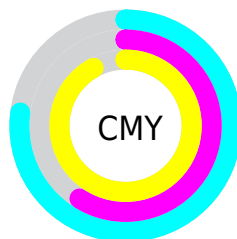


Cyan (43%)

Magenta (0%)

Yellow (81%)

Black (59%)



Cyan (77%)


Magenta (59%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.8809, 0.3413, 0.5397 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 10.8809, 0.3413, 0.5397 by changing the saturation by 10% instead.


 10.8809, 0.3413,
0.5397


 10.8809, 0.3413,
0.5397


196.8486, 0.3315,
0.4047


 5.9868, 0.3364,
0.5866

 27.4397, 0.3411,
0.4815

 2.8371, 0.3283,
0.6717


 39.8732, 0.3397,
0.4625

 1.0473, 0.1908,
0.8092

 55.5887, 0.3381,
0.4476

 0.0000, 0.0000,
0.0000


 74.9704, 0.3366,
0.4356


 98.4029, 0.3351,
0.4258

 126.2705, 0.3338,


0.4176

 158.9576, 0.3326,
0.4107


 10.8809, 0.3413,
0.5397

 10.8809, 0.3413,
0.5397


 10.6907, 0.3386,
0.5573


 11.1061, 0.3421,
0.5175

 10.5364, 0.3356,
0.5718

 11.3671, 0.3412,
0.4919

 11.6665, 0.3386,
0.4641

 12.0063, 0.3348,
0.4356

 12.3880, 0.3300,
0.4073

■ 12.8134, 0.3246,
0.3800

■ 13.2840, 0.3189,
0.3544

■ 13.8012, 0.3132,
0.3307

■ 14.3664, 0.3074,
0.3091

Harmonies

Analogous

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



10.8809, 0.4377, 0.5006



10.8809, 0.3413, 0.5397



10.8809, 0.2428, 0.4853

Triad

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



10.8809, 0.3413, 0.5397



10.8809, 0.1404, 0.1894



10.8809, 0.4703, 0.2818

Complementary

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



10.8809, 0.3413, 0.5397



2.6229, 0.2358, 0.1255

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.



10.8809, 0.3592, 0.2228



10.8809, 0.3413, 0.5397



10.8809, 0.1769, 0.1716

Square

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



10.8809, 0.3413, 0.5397



10.8809, 0.1368, 0.2473



10.8809, 0.2505, 0.1841



10.8809, 0.5276, 0.3509

Rectangle

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



10.8809, 0.3413, 0.5397



10.8809, 0.1895, 0.4016



10.8809, 0.2505, 0.1841



10.8809, 0.4366, 0.2605

Sweetspot

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



10.8814, 0.3413, 0.5397



22.1796, 0.3268, 0.3905



6.7511, 0.4814, 0.4213



5.3629, 0.3282, 0.3978



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.



10.8814, 0.3413, 0.5397



18.5008, 0.3349, 0.5693



10.1103, 0.3000, 0.5626



3.1991, 0.3179, 0.3498



12.9696, 0.3348, 0.5724



67.1326, 0.3307, 0.5756

Inverse Universe

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



2.6229, 0.2358, 0.1255



3.3075, 0.2151, 0.0978



4.3868, 0.3265, 0.1722



2.8290, 0.3072, 0.3082



2.2384, 0.2134, 0.0949



11.1497, 0.2078, 0.0918

Previews

White Background



This preview shows how the Yxy color 10.8809, 0.3413, 0.5397 looks on a white background.

Color Contrast Check

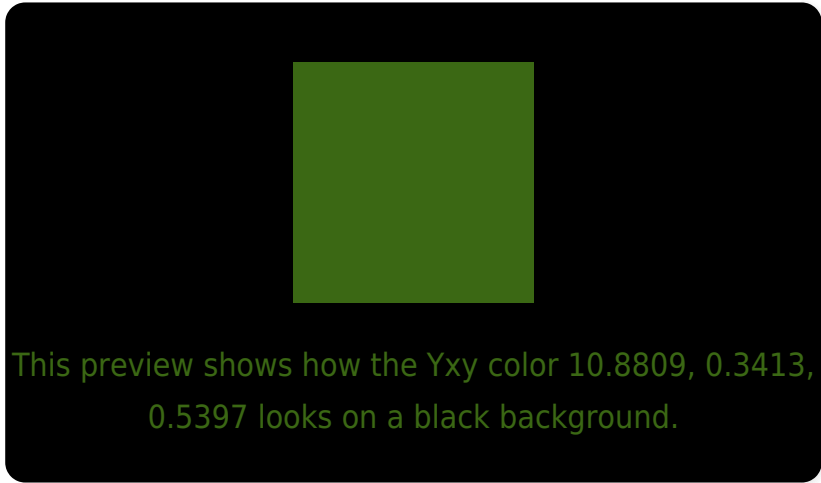
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.8809, 0.3413, 0.5397

Background



This preview shows how black text looks on a background with the Yxy color 10.8809, 0.3413, 0.5397.



This preview shows how white text looks on a background with the Yxy color 10.8809, 0.3413, 0.5397.

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

10.8809, 0.3413, 0.5397

Protanopia

10.8122, 0.4295, 0.4775

Deuteranopia

10.7763, 0.4490, 0.4438



Tritanopia

10.9089, 0.2669, 0.3090

Trichromacy



Original Color

10.8809, 0.3413, 0.5397

Protanomaly

10.6678, 0.3954, 0.5017

Deuteranomaly

10.5085, 0.4066, 0.4802

Tritanomaly

10.8020, 0.2998, 0.3994

Monochromacy



Original Color

10.8809, 0.3413, 0.5397

Achromatopsia

8.2283, 0.3127, 0.3290

Achromatomaly

8.8770, 0.3312, 0.4136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8809, 0.3413, 0.5397 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(59, 104, 20)` looks like.

```
.text, #text, p{  
    color:rgb(59, 104, 20)  
}
```

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(59, 104, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 104, 20) }
```

Border

The CSS property to change the border of an element to Yxy 10.8809, 0.3413, 0.5397 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(59, 104, 20) }
```

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

```
.border{ border-color:rgb(59, 104, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 104, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 104, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 104, 20);  
box-shadow:4px 4px 4px 4px rgb(59, 104,  
20) }
```


Background

The CSS property to change the background color of an element to Yxy 10.8809, 0.3413, 0.5397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 104, 20) }
```

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

```
.background{ background-color: rgb(59, 104,  
20) }
```

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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