

Converting Colors

$Y_{xy}(10.7720, 0.3007, 0.5853)$

Have a look what the booklet for
Yxy(10.7720, 0.3007, 0.5853)
contains.

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Color

Yxy(10.8204, 0.3007, 0.5851)

Conversions

Conversions Part 1

Format	Color
Hex	0B6C0B
RGB	11, 108, 11
RGB Percent	4%, 42%, 4%
CMY	0.9569, 0.5765, 0.9569
CMYK	0.90, 0.00, 0.90, 0.58
HSL	120°, 82%, 23%
HSV	120°, 90%, 42%
XYZ	5.5609, 10.8204, 2.1119
YIQ	67.9390, -26.6750, -50.7310

Conversions

Conversions Part 2

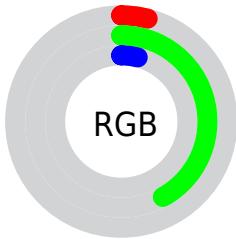
Format	Color
RYB	11, 108, 108
Decimal	748555
CIELab	39.28, -44.15, 41.57
CIElCh	39, 60.642, 136.728
Yxy	10.8204, 0.3007, 0.5851
Android (android.graphics.Color)	4278938635 (0xFF0B6C0B)
YUV	67.9390, -28.0709, -49.9355
Hunter-Lab	32.8944, -27.3891, 19.2194

Details

The Yxy color **10.8204, 0.3007, 0.5851** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4.5103, 0.3206, 0.1605**, and the grayscale version is **5.8196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.4911, 0.3133, 0.5114**, and **3.1279, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **10.7273, 0.3000, 0.5997**, and if you desaturate by 10%, it is **10.9510, 0.3016, 0.5663**.

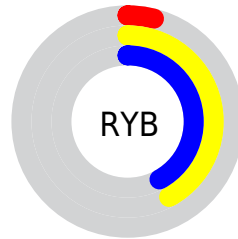
Distribution



Red (4%)

Green (42%)

Blue (4%)



Red (4%)

Yellow (42%)

Blue (42%)

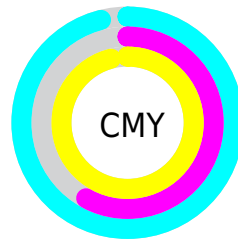


Cyan (90%)

Magenta (0%)

Yellow (90%)

Black (58%)



Cyan (96%)


Magenta (58%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.8204, 0.3007, 0.5851 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 10.8204, 0.3007, 0.5851 by changing the saturation by 10% instead.


 10.8204, 0.3007,
0.5851


 10.8204, 0.3007,
0.5851


196.4312, 0.3187,
0.4175


 5.9462, 0.2850,
0.6472

 27.3276, 0.3135,
0.5116


 2.8124, 0.2535,
0.7465


 39.7293, 0.3159,
0.4880

 1.0346, 0.0000,
1.0000

 55.4091, 0.3173,
0.4696

 0.0000, 0.0000,
0.0000

 74.7512, 0.3181,
0.4549


 98.1401, 0.3185,
0.4430


 125.9601, 0.3187,


0.4330

 158.5957, 0.3187,
0.4247


 10.8204, 0.3007,
0.5851


 10.8204, 0.3007,
0.5851


 10.7273, 0.3000,
0.5997


 10.9510, 0.3016,
0.5663

 10.7256, 0.3000,
0.6000

 11.1499, 0.3028,
0.5405

 11.4252, 0.3042,
0.5097

 11.7836, 0.3058,
0.4763

 12.2310, 0.3074,
0.4425

■ 12.7729, 0.3089,
0.4100

■ 13.4142, 0.3103,
0.3798

■ 14.1595, 0.3116,
0.3526

■ 15.0132, 0.3127,
0.3286

Harmonies

Analogous

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



10.8204, 0.4159, 0.5498



10.8204, 0.3007, 0.5851



10.8204, 0.1943, 0.4802

Triad

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



10.8204, 0.3007, 0.5851



10.8204, 0.1236, 0.1558



10.8204, 0.5344, 0.2922

Complementary

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



10.8204, 0.3007, 0.5851



4.5103, 0.3206, 0.1605

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.



10.8204, 0.4116, 0.2229



10.8204, 0.3007, 0.5851



10.8204, 0.1750, 0.1489

Square

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



10.8204, 0.3007, 0.5851



10.8204, 0.1081, 0.2022



10.8204, 0.2725, 0.1722



10.8204, 0.5686, 0.3693

Rectangle

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



10.8204, 0.3007, 0.5851



10.8204, 0.1443, 0.3640



10.8204, 0.2725, 0.1722



10.8204, 0.5008, 0.2680

Sweetspot

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



10.8208, 0.3007, 0.5851



22.6434, 0.3092, 0.4034



13.9380, 0.4154, 0.4988



5.4174, 0.3089, 0.4112



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



10.8208, 0.3007, 0.5851



18.8293, 0.3000, 0.6000



11.1177, 0.2689, 0.4743



3.4448, 0.3117, 0.3504



12.7926, 0.3000, 0.6000



65.1839, 0.3000, 0.6000

Inverse Universe

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



4.5103, 0.3206, 0.1605



7.4979, 0.3209, 0.1542



3.7486, 0.4612, 0.2433



3.1639, 0.3137, 0.3084



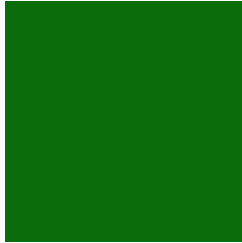
5.0941, 0.3209, 0.1542



25.9564, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 10.8204, 0.3007, 0.5851 looks on a white background.

Color Contrast Check

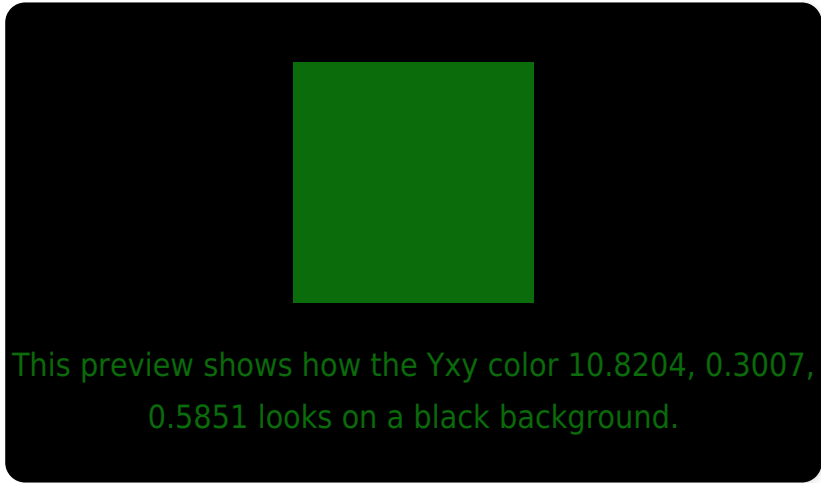
Large Text (above 18pt) WCAG AA ✓ Pass

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

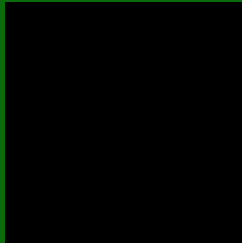
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.8204, 0.3007, 0.5851

Background



This preview shows how black text looks on a background with the Yxy color 10.8204, 0.3007, 0.5851.



This preview shows how white text looks on a background with the Yxy color 10.8204, 0.3007, 0.5851.

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

10.8204, 0.3007, 0.5851

Protanopia

10.7761, 0.4371, 0.4889

Deuteranopia

10.7626, 0.4518, 0.4474



Tritanopia

10.7993, 0.2389, 0.3055

Trichromacy



Original Color

10.8204, 0.3007, 0.5851

Protanomaly

10.0484, 0.3703, 0.5377

Deuteranomaly

9.8546, 0.3796, 0.5082

Tritanomaly

10.5049, 0.2655, 0.4175

Monochromacy



Original Color

10.8204, 0.3007, 0.5851

Achromatopsia

5.7805, 0.3127, 0.3290

Achromatomaly

6.9961, 0.3071, 0.4495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8204, 0.3007, 0.5851 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(11, 108, 11)` looks like.

```
.text, #text, p{  
    color:rgb(11, 108, 11)  
}
```

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(11, 108, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 108, 11) }
```

Border

The CSS property to change the border of an element to Yxy 10.8204, 0.3007, 0.5851 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(11, 108, 11) }
```

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

```
.border{ border-color:rgb(11, 108, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 108, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 108, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 108, 11);  
box-shadow:4px 4px 4px 4px rgb(11, 108,  
11) }
```


Background

The CSS property to change the background color of an element to Yxy 10.8204, 0.3007, 0.5851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 108, 11) }
```

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

```
.background{ background-color: rgb(11, 108,  
11) }
```

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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