

Converting Colors

$Y_{xy}(10.6669, 0.3075, 0.5940)$

Have a look what the booklet for
 $Y_{xy}(10.6669, 0.3075, 0.5940)$
contains.

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Color

Yxy(10.6440, 0.3074, 0.5941)

Conversions

Conversions Part 1

Format	Color
Hex	126B00
RGB	18, 107, 0
RGB Percent	7%, 42%, 0%
CMY	0.9294, 0.5804, 0.9999
CMYK	0.83, 0.00, 1.00, 0.58
HSL	110°, 100%, 21%
HSV	110°, 100%, 42%
XYZ	5.5074, 10.6440, 1.7647
YIQ	68.1910, -18.6970, -52.1450

Conversions

Conversions Part 2

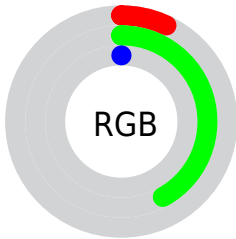
Format	Color
RYB	0, 107, 89
Decimal	1207040
CIELab	38.97, -43.48, 44.17
CIELCh	39, 61.977, 134.547
Yxy	10.6440, 0.3074, 0.5941
Android (android.graphics.Color)	4279397120 (0xFF126B00)
YUV	68.1910, -33.6182, -44.0175
Hunter-Lab	32.6251, -26.9615, 19.6305

Details

The Yxy color **10.6440, 0.3074, 0.5941** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **3.1865, 0.2808, 0.1321**, and the grayscale version is **5.8719, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.8511, 0.3201, 0.5192**, and **3.0261, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **10.6442, 0.3074, 0.5941**, and if you desaturate by 10%, it is **10.7710, 0.3097, 0.5784**.

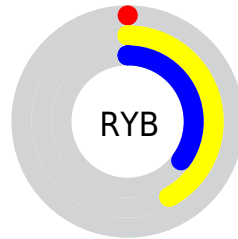
Distribution



Red (7%)

Green (42%)

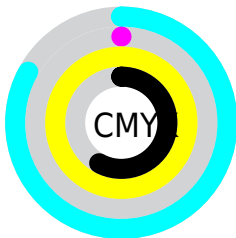
Blue (0%)



Red (0%)

Yellow (42%)

Blue (35%)

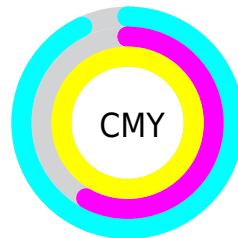


Cyan (83%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (93%)


Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6440, 0.3074, 0.5941 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 10.6440, 0.3074, 0.5941 by changing the saturation by 10% instead.


 10.6440, 0.3074,
0.5941

 10.6440, 0.3074,
0.5941


 195.2086, 0.3226,
0.4214


 5.8280, 0.2932,
0.6609

 27.0000, 0.3198,
0.5190


 2.7408, 0.2551,
0.7449


 39.3087, 0.3218,
0.4946

 0.9979, 0.0000,
1.0000

 54.8838, 0.3228,
0.4756


 0.0000, 0.0000,
0.0000


 74.1097, 0.3231,
0.4603


 97.3707, 0.3232,
0.4479


 125.0513, 0.3231,


0.4375


 157.5358, 0.3229,
0.4288


 10.6440, 0.3074,
0.5941


 10.6440, 0.3074,
0.5941


 10.6442, 0.3074,
0.5941

 10.7710, 0.3097,
0.5784

 10.9431, 0.3125,
0.5589

 11.1721, 0.3146,
0.5334

 11.4625, 0.3160,
0.5037

 11.8185, 0.3167,
0.4719

■ 12.2439, 0.3167,
0.4397

■ 12.7420, 0.3162,
0.4086

■ 13.3162, 0.3153,
0.3795

■ 13.9696, 0.3141,
0.3529

Harmonies

Analogous

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



10.6440, 0.4253, 0.5487



10.6440, 0.3074, 0.5941



10.6440, 0.1978, 0.4973

Triad

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



10.6440, 0.3074, 0.5941



10.6440, 0.1180, 0.1543



10.6440, 0.5335, 0.2852

Complementary

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



10.6440, 0.3074, 0.5941



3.1865, 0.2808, 0.1321

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.



10.6440, 0.4031, 0.2160



10.6440, 0.3074, 0.5941



10.6440, 0.1669, 0.1451

Square

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



10.6440, 0.3074, 0.5941



10.6440, 0.1046, 0.2044



10.6440, 0.2623, 0.1665



10.6440, 0.5751, 0.3623

Rectangle

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



10.6440, 0.3074, 0.5941



10.6440, 0.1449, 0.3772



10.6440, 0.2623, 0.1665



10.6440, 0.4969, 0.2609

Sweetspot

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



10.6444, 0.3074, 0.5941



22.7329, 0.3163, 0.4112



10.0054, 0.4538, 0.4778



5.4310, 0.3165, 0.4210



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.



10.6444, 0.3074, 0.5941



19.0185, 0.3061, 0.5952



10.6307, 0.2852, 0.5468



3.4670, 0.3139, 0.3503



12.9385, 0.3069, 0.5945



65.6587, 0.3044, 0.5965

Inverse Universe

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



3.1865, 0.2808, 0.1321



5.6595, 0.2796, 0.1314



3.6091, 0.4150, 0.2060



3.1394, 0.3113, 0.3083



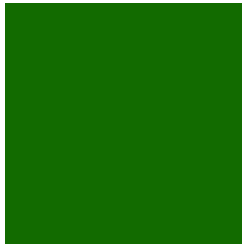
3.8644, 0.2804, 0.1318



19.3658, 0.2780, 0.1305

Previews

White Background



This preview shows how the Yxy color 10.6440, 0.3074, 0.5941 looks on a white background.

Color Contrast Check

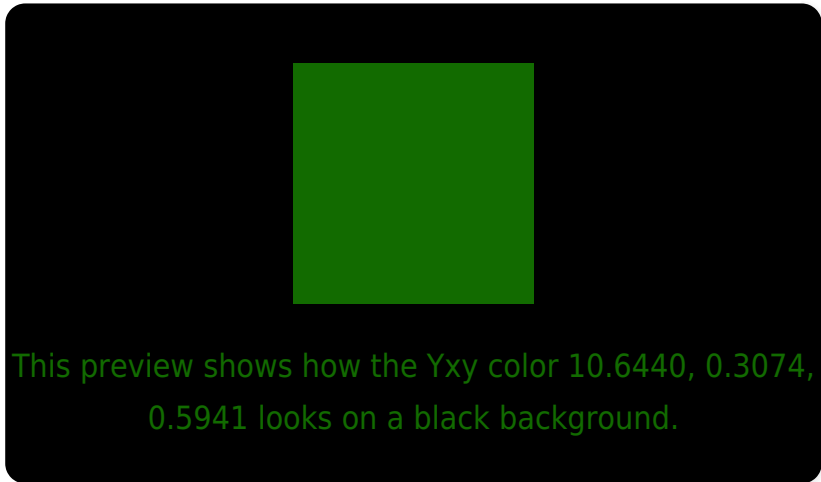
Large Text (above 18pt) WCAG AA ✓ Pass

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

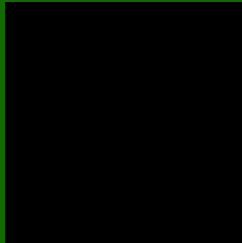
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.6440, 0.3074, 0.5941

Background



This preview shows how black text looks on a background with the Yxy color 10.6440, 0.3074, 0.5941.



This preview shows how white text looks on a background with the Yxy color 10.6440, 0.3074, 0.5941.

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

10.6440, 0.3074, 0.5941

Protanopia

10.5379, 0.4383, 0.4902

Deuteranopia

10.5231, 0.4537, 0.4490



Tritanopia

10.6348, 0.2409, 0.3054

Trichromacy



Original Color

10.6440, 0.3074, 0.5941

Protanomaly

9.9271, 0.3771, 0.5388

Deuteranomaly

9.7454, 0.3876, 0.5106

Tritanomaly

10.3257, 0.2724, 0.4269

Monochromacy



Original Color

10.6440, 0.3074, 0.5941

Achromatopsia

5.7805, 0.3127, 0.3290

Achromatomaly

6.8871, 0.3175, 0.4585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6440, 0.3074, 0.5941 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(18, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(18, 107, 0)  
}
```

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(18, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 107, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.6440, 0.3074, 0.5941 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(18, 107, 0) }
```

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

```
.border{ border-color:rgb(18, 107, 0) }
```

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

Here you see how a box with a 4 pixel rgb(18, 107, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(18, 107, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.6440, 0.3074, 0.5941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 107, 0) }
```

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

```
.background{ background-color: rgb(18, 107,  
0) }
```

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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