

Converting Colors

$Y_{xy}(10.4793, 0.3059, 0.5905)$

Have a look what the booklet for
Yxy(10.4793, 0.3059, 0.5905)
contains.

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Color

Yxy(10.4360, 0.3057, 0.5900)

Conversions

Conversions Part 1

Format	Color
Hex	116A04
RGB	17, 106, 4
RGB Percent	7%, 42%, 2%
CMY	0.9333, 0.5843, 0.9842
CMYK	0.84, 0.00, 0.96, 0.58
HSL	112°, 93%, 22%
HSV	112°, 96%, 42%
XYZ	5.4073, 10.4360, 1.8449
YIQ	67.7610, -20.3020, -50.5900

Conversions

Conversions Part 2

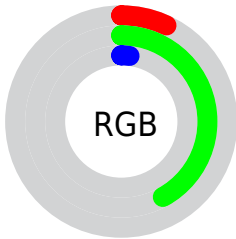
Format	Color
R_{YB}	4, 106, 93
Decimal	1141252
CIE _{Lab}	38.61, -43.10, 42.79
CIE _{LCh}	39, 60.738, 135.207
Yxy	10.4360, 0.3057, 0.5900
Android (android.graphics.Color)	4279331332 (0xFF116A04)
YUV	67.7610, -31.4342, -44.5174
Hunter-Lab	32.3048, -26.6556, 19.2274

Details

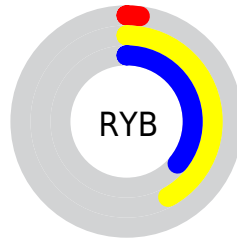
The Yxy color **10.4360, 0.3057, 0.5900** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **3.4566, 0.2918, 0.1408**, and the grayscale version is **5.7950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.4854, 0.3183, 0.5157**, and **2.9263, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **10.3977, 0.3053, 0.5958**, and if you desaturate by 10%, it is **10.5648, 0.3079, 0.5737**.

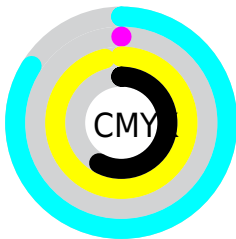
Distribution



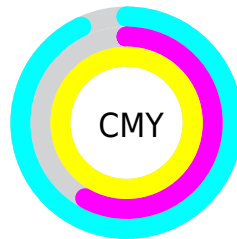
- Red (7%)
- Green (42%)
- Blue (2%)



- Red (2%)
- Yellow (42%)
- Blue (36%)



- Cyan (84%)
- Magenta (0%)
- Yellow (96%)
- Black (58%)




- Cyan (93%)
- Magenta (58%)
- Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.4360, 0.3057, 0.5900 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 10.4360, 0.3057, 0.5900 by changing the saturation by 10% instead.

 10.4360, 0.3057,
0.5900


 10.4360, 0.3057,
0.5900


 193.7562, 0.3214,
0.4192


 5.6890, 0.2912,
0.6560

 26.6124, 0.3180,
0.5152


 2.6569, 0.2547,
0.7453


 38.8106, 0.3201,
0.4912

 0.9554, 0.0000,
1.0000

 54.2613, 0.3211,
0.4724


 0.0000, 0.0000,
0.0000


 73.3489, 0.3216,
0.4574

 96.4578, 0.3218,
0.4452

 123.9723, 0.3217,


0.4350

 156.2770, 0.3216,
0.4265


 10.4360, 0.3057,
0.5900


 10.4360, 0.3057,
0.5900


 10.3977, 0.3053,
0.5958

 10.5648, 0.3079,
0.5737

 10.7458, 0.3102,
0.5517

 10.9871, 0.3121,
0.5242

 11.2936, 0.3134,
0.4931

 11.6695, 0.3142,
0.4606

■ 12.1187, 0.3144,
0.4283

■ 12.6450, 0.3143,
0.3976

■ 13.2517, 0.3139,
0.3692

■ 13.9420, 0.3132,
0.3435

Harmonies

Analogous

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



10.4360, 0.4224, 0.5484



10.4360, 0.3057, 0.5900



10.4360, 0.1973, 0.4911

Triad

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



10.4360, 0.3057, 0.5900



10.4360, 0.1204, 0.1554



10.4360, 0.5327, 0.2877

Complementary

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



10.4360, 0.3057, 0.5900



3.4566, 0.2918, 0.1408

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.



10.4360, 0.4053, 0.2186



10.4360, 0.3057, 0.5900



10.4360, 0.1699, 0.1469

Square

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



10.4360, 0.3057, 0.5900



10.4360, 0.1064, 0.2043



10.4360, 0.2657, 0.1688



10.4360, 0.5720, 0.3647

Rectangle

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



10.4360, 0.3057, 0.5900



10.4360, 0.1454, 0.3729



10.4360, 0.2657, 0.1688



10.4360, 0.4972, 0.2634

Sweetspot

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



10.4364, 0.3057, 0.5900



21.8430, 0.3144, 0.4084



10.7978, 0.4406, 0.4840



5.0494, 0.3144, 0.4180



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.



10.4364, 0.3057, 0.5900



18.2150, 0.3042, 0.5967



10.4974, 0.2809, 0.5255



3.4616, 0.3134, 0.3503



12.8935, 0.3048, 0.5962



65.4775, 0.3028, 0.5978

Inverse Universe

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



3.4566, 0.2918, 0.1408



5.8321, 0.2898, 0.1370



3.5766, 0.4269, 0.2166



3.1454, 0.3119, 0.3083



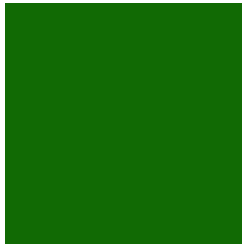
4.1381, 0.2902, 0.1373



20.8240, 0.2884, 0.1363

Previews

White Background



This preview shows how the Yxy color 10.4360, 0.3057, 0.5900 looks on a white background.

Color Contrast Check

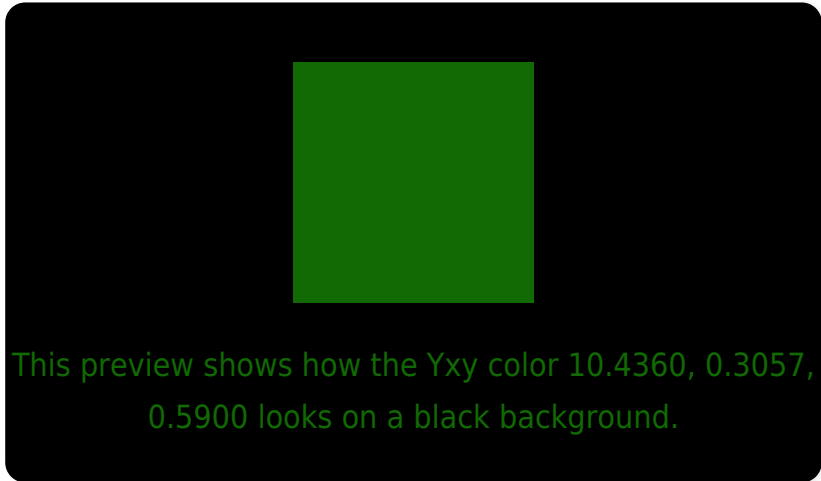
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.4360, 0.3057, 0.5900

Background



This preview shows how black text looks on a background with the Yxy color 10.4360, 0.3057, 0.5900.



This preview shows how white text looks on a background with the Yxy color 10.4360, 0.3057, 0.5900.

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

10.4360, 0.3057, 0.5900

Protanopia

10.3070, 0.4384, 0.4901

Deuteranopia

10.2948, 0.4538, 0.4483



Tritanopia

10.5896, 0.2410, 0.3079

Trichromacy



Original Color

10.4360, 0.3057, 0.5900

Protanomaly

9.7075, 0.3762, 0.5381

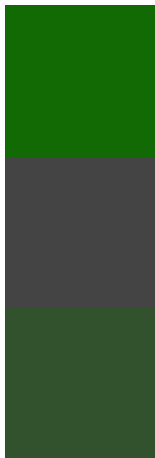
Deuteranomaly

9.5284, 0.3866, 0.5093

Tritanomaly

10.3200, 0.2705, 0.4239

Monochromacy



Original Color

10.4360, 0.3057, 0.5900

Achromatopsia

5.7805, 0.3127, 0.3290

Achromatomaly

6.8770, 0.3131, 0.4526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.4360, 0.3057, 0.5900 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(17, 106, 4)` looks like.

```
.text, #text, p{  
    color:rgb(17, 106, 4)  
}
```

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(17, 106, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 106, 4) }
```

Border

The CSS property to change the border of an element to Yxy 10.4360, 0.3057, 0.5900 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(17, 106, 4) }
```

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

```
.border{ border-color:rgb(17, 106, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 106, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 106, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 106, 4);  
box-shadow:4px 4px 4px 4px rgb(17, 106, 4)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.4360, 0.3057, 0.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 106, 4) }
```

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

```
.background{ background-color: rgb(17, 106,  
4) }
```

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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