

Converting Colors

$Y_{xy}(14.2826, 0.3113, 0.5910)$

Have a look what the booklet for
Yxy(14.2826, 0.3113, 0.5910)
contains.

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Color

Yxy(14.1803, 0.3112, 0.5911)

Conversions

Conversions Part 1

Format	Color
Hex	1D7A00
RGB	29, 122, 0
RGB Percent	11%, 48%, 0%
CMY	0.8864, 0.5216, 0.9999
CMYK	0.76, 0.00, 1.00, 0.52
HSL	106°, 100%, 24%
HSV	106°, 100%, 48%
XYZ	7.4656, 14.1803, 2.3438
YIQ	80.2850, -16.2660, -57.6580

Conversions

Conversions Part 2

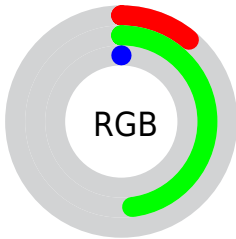
Format	Color
R _{YB}	0, 122, 93
Decimal	1931776
CIE Lab	44.49, -46.60, 48.66
CIE LCh	44, 67.376, 133.764
Yxy	14.1803, 0.3112, 0.5911
Android (android.graphics.Color)	4280121856 (0xFF1D7A00)
YUV	80.2850, -39.5805, -44.9769
Hunter-Lab	37.6567, -30.5110, 22.6695

Details

The Yxy color **14.1803, 0.3112, 0.5911** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **3.7354, 0.2635, 0.1226**, and the grayscale version is **8.1608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2319, 0.3224, 0.5222**, and **4.6347, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **14.1807, 0.3112, 0.5911**, and if you desaturate by 10%, it is **14.3645, 0.3145, 0.5765**.

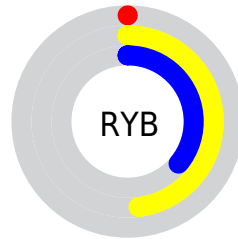
Distribution



Red (11%)

Green (48%)

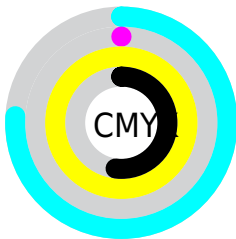
Blue (0%)



Red (0%)

Yellow (48%)

Blue (36%)

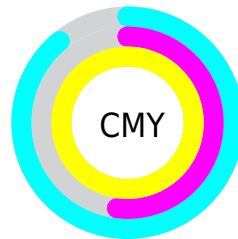


Cyan (76%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (89%)


Magenta (52%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1803, 0.3112, 0.5911 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 14.1803, 0.3112, 0.5911 by changing the saturation by 10% instead.


 14.1803, 0.3112,
0.5911


 14.1803, 0.3112,
0.5911


218.3496, 0.3242,
0.4266


 8.2462, 0.2970,
0.6439


 33.4086, 0.3220,
0.5223


 4.2529, 0.2723,
0.7277

 47.4716, 0.3238,
0.4991


 1.8160, 0.1757,
0.8243

 65.0129, 0.3247,
0.4807

 0.4971, 0.0000,
1.0000

 86.4171, 0.3250,
0.4657


 0.0000, 0.0000,
0.0000


 112.0685, 0.3250,
0.4533


 142.3514, 0.3248,

0.4430


 177.6503, 0.3246,
0.4342


 14.1803, 0.3112,
0.5911


 14.1803, 0.3112,
0.5911

 14.1807, 0.3112,
0.5911

 14.3645, 0.3145,
0.5765

 14.6060, 0.3179,
0.5574

 14.9177, 0.3202,
0.5326

 15.3051, 0.3214,
0.5035

 15.7730, 0.3215,
0.4721

■ 16.3258, 0.3208,
0.4402

■ 16.9677, 0.3193,
0.4092

■ 17.7024, 0.3174,
0.3800

■ 18.5335, 0.3151,
0.3532

Harmonies

Analogous

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



14.1803, 0.4267, 0.5431



14.1803, 0.3112, 0.5911



14.1803, 0.2017, 0.4992

Triad

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



14.1803, 0.3112, 0.5911



14.1803, 0.1188, 0.1565



14.1803, 0.5285, 0.2840

Complementary

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



14.1803, 0.3112, 0.5911



3.7354, 0.2635, 0.1226

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.



14.1803, 0.3983, 0.2155



14.1803, 0.3112, 0.5911



14.1803, 0.1664, 0.1464

Square

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



14.1803, 0.3112, 0.5911



14.1803, 0.1063, 0.2079



14.1803, 0.2598, 0.1669



14.1803, 0.5728, 0.3607

Rectangle

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



14.1803, 0.3112, 0.5911



14.1803, 0.1482, 0.3814



14.1803, 0.2598, 0.1669



14.1803, 0.4916, 0.2599

Sweetspot

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



14.1809, 0.3112, 0.5911



29.7605, 0.3195, 0.4114



11.7070, 0.4695, 0.4654



6.7147, 0.3200, 0.4217



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



14.1809, 0.3112, 0.5911



24.8909, 0.3099, 0.5922



14.0166, 0.2903, 0.5650



4.4917, 0.3149, 0.3508



14.9254, 0.3111, 0.5912



70.8618, 0.3083, 0.5934

Inverse Universe

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



3.7354, 0.2635, 0.1226



6.5065, 0.2622, 0.1218



4.9023, 0.3932, 0.1940



4.0319, 0.3103, 0.3077



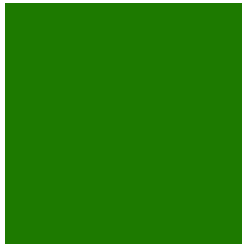
3.9281, 0.2634, 0.1225



18.3331, 0.2604, 0.1208

Previews

White Background



This preview shows how the Yxy color 14.1803, 0.3112, 0.5911 looks on a white background.

Color Contrast Check

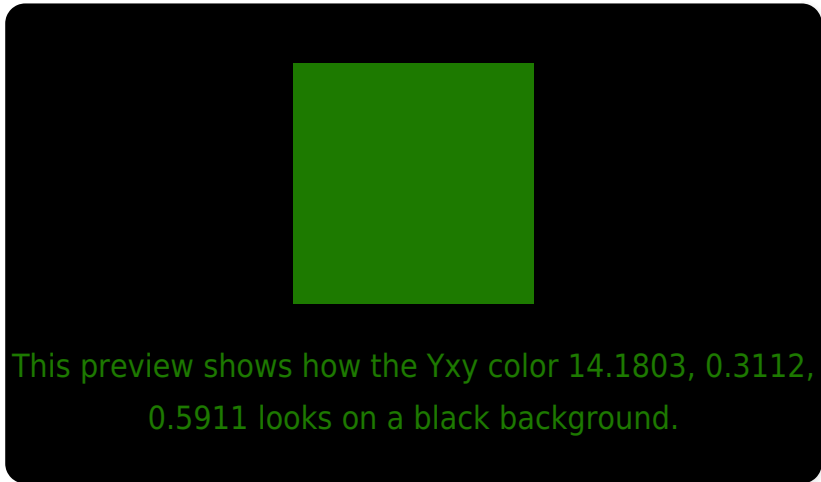
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1803, 0.3112, 0.5911

Background



This preview shows how black text looks on a background with the Yxy color 14.1803, 0.3112, 0.5911.



This preview shows how white text looks on a background with the Yxy color 14.1803, 0.3112, 0.5911.

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

14.1803, 0.3112, 0.5911

Protanopia

13.9547, 0.4392, 0.4894

Deuteranopia

13.9038, 0.4572, 0.4488



Tritanopia

14.1102, 0.2420, 0.3057

Trichromacy



Original Color

14.1803, 0.3112, 0.5911

Protanomaly

13.3473, 0.3817, 0.5351

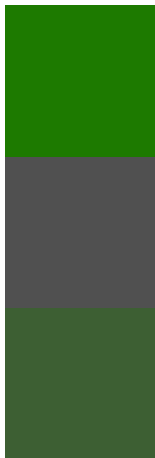
Deuteranomaly

12.9888, 0.3941, 0.5079

Tritanomaly

13.6452, 0.2764, 0.4289

Monochromacy



Original Color

14.1803, 0.3112, 0.5911

Achromatopsia

8.0220, 0.3127, 0.3290

Achromatomaly

9.4155, 0.3206, 0.4564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1803, 0.3112, 0.5911 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(29, 122, 0)` looks like.

```
.text, #text, p{  
    color:rgb(29, 122, 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(29, 122, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 122, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.1803, 0.3112, 0.5911 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(29, 122, 0) }
```

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

```
.border{ border-color:rgb(29, 122, 0) }
```

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

Here you see how a box with a 4 pixel rgb(29, 122, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 122, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 122, 0);  
box-shadow:4px 4px 4px 4px rgb(29, 122, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.1803, 0.3112, 0.5911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 122, 0) }
```

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

```
.background{ background-color: rgb(29, 122,  
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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