

Converting Colors

$Y_{xy}(13.9701, 0.3373, 0.6453)$

Have a look what the booklet for
Yxy(13.9701, 0.3373, 0.6453)
contains.

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Color

Yxy(14.1061, 0.3184, 0.5854)

Conversions

Conversions Part 1

Format	Color
Hex	277900
RGB	39, 121, 0
RGB Percent	15%, 47%, 0%
CMY	0.8473, 0.5255, 1.0000
CMYK	0.68, 0.00, 1.00, 0.53
HSL	101°, 100%, 24%
HSV	101°, 100%, 47%
XYZ	7.6723, 14.1061, 2.3181
YIQ	82.6880, -10.0310, -55.0150

Conversions

Conversions Part 2

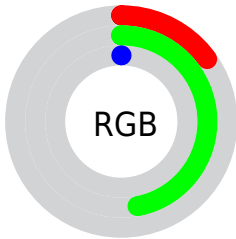
Format	Color
RYB	0, 121, 82
Decimal	2586880
CIELab	44.38, -44.19, 48.68
CIELCh	44, 65.746, 132.232
Yxy	14.1061, 0.3184, 0.5854
Android (android.graphics.Color)	4280776960 (0xFF277900)
YUV	82.6880, -40.7652, -38.3144
Hunter-Lab	37.5581, -29.2628, 22.6313

Details

The Yxy color **14.1061, 0.3184, 0.5854** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **3.1776, 0.2438, 0.1117**, and the grayscale version is **8.6663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.1613, 0.3274, 0.5185**, and **4.5065, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **14.1067, 0.3184, 0.5854**, and if you desaturate by 10%, it is **14.3112, 0.3223, 0.5706**.

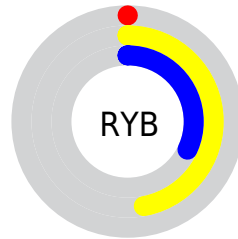
Distribution



Red (15%)

Green (47%)

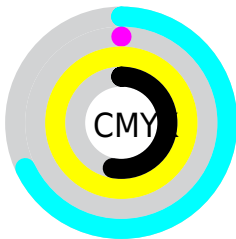
Blue (0%)



Red (0%)

Yellow (47%)

Blue (32%)

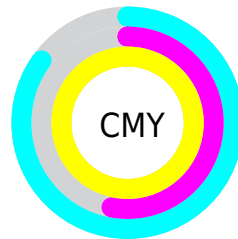


Cyan (68%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (85%)


Magenta (53%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1061, 0.3184, 0.5854 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 14.1061, 0.3184, 0.5854 by changing the saturation by 10% instead.


 14.1061, 0.3184,
0.5854


 14.1061, 0.3184,
0.5854


217.8899, 0.3269,
0.4251


 8.1945, 0.3058,
0.6366

 33.2772, 0.3273,
0.5185


 4.2197, 0.2831,
0.7169

 47.3054, 0.3285,
0.4959

 1.7972, 0.1948,
0.8052

 64.8080, 0.3288,
0.4780

 0.4854, 0.0000,
1.0000

 86.1693, 0.3287,
0.4633


 0.0000, 0.0000,
0.0000


 111.7738, 0.3284,
0.4512


 142.0058, 0.3279,


0.4411


 177.2497, 0.3274,
0.4325


 14.1061, 0.3184,
0.5854


 14.1061, 0.3184,
0.5854


 14.1067, 0.3184,
0.5854

 14.3112, 0.3223,
0.5706

 14.5656, 0.3258,
0.5517

 14.8811, 0.3278,
0.5276

 15.2621, 0.3284,
0.4995

 15.7125, 0.3277,
0.4692

■ 16.2359, 0.3259,
0.4384

■ 16.8356, 0.3232,
0.4082

■ 17.5147, 0.3200,
0.3796

■ 18.2762, 0.3164,
0.3531

Harmonies

Analogous

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



14.1061, 0.4317, 0.5357



14.1061, 0.3184, 0.5854



14.1061, 0.2093, 0.5027

Triad

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



14.1061, 0.3184, 0.5854



14.1061, 0.1202, 0.1608



14.1061, 0.5190, 0.2817

Complementary

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



14.1061, 0.3184, 0.5854



3.1776, 0.2438, 0.1117

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.



14.1061, 0.3892, 0.2145



14.1061, 0.3184, 0.5854



14.1061, 0.1655, 0.1489

Square

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



14.1061, 0.3184, 0.5854



14.1061, 0.1096, 0.2147



14.1061, 0.2551, 0.1677



14.1061, 0.5683, 0.3575

Rectangle

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



14.1061, 0.3184, 0.5854



14.1061, 0.1546, 0.3894



14.1061, 0.2551, 0.1677



14.1061, 0.4815, 0.2579

Sweetspot

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



14.1067, 0.3184, 0.5854



30.0588, 0.3234, 0.4104



9.9017, 0.4900, 0.4491



6.7875, 0.3244, 0.4205



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.



14.1067, 0.3184, 0.5854



25.1884, 0.3168, 0.5866



13.7277, 0.2946, 0.5806



4.5068, 0.3161, 0.3508



15.1099, 0.3182, 0.5856



71.6636, 0.3149, 0.5882

Inverse Universe

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



3.1776, 0.2438, 0.1117



5.6118, 0.2420, 0.1107



5.0019, 0.3662, 0.1791



4.0159, 0.3090, 0.3076



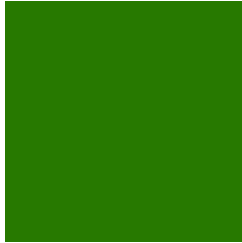
3.3986, 0.2436, 0.1115



15.7388, 0.2396, 0.1094

Previews

White Background



This preview shows how the Yxy color 14.1061, 0.3184, 0.5854 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



This preview shows how the Yxy color 14.1061, 0.3184, 0.5854 looks on a 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 14.1061, 0.3184, 0.5854

Background



This preview shows how black text looks on a background with the Yxy color 14.1061, 0.3184, 0.5854.



This preview shows how white text looks on a background with the Yxy color 14.1061, 0.3184, 0.5854.

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

14.1061, 0.3184, 0.5854

Protanopia

13.9547, 0.4392, 0.4894

Deuteranopia

13.8236, 0.4557, 0.4497



Tritanopia

14.0176, 0.2464, 0.3058

Trichromacy



Original Color

14.1061, 0.3184, 0.5854

Protanomaly

13.4927, 0.3862, 0.5315

Deuteranomaly

13.1525, 0.3988, 0.5045

Tritanomaly

13.5958, 0.2823, 0.4251

Monochromacy



Original Color

14.1061, 0.3184, 0.5854

Achromatopsia

8.6500, 0.3127, 0.3290

Achromatomaly

9.9997, 0.3265, 0.4515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1061, 0.3184, 0.5854 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(39, 121, 0)` looks like.

```
.text, #text, p{  
    color:rgb(39, 121, 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(39, 121, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 121, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.1061, 0.3184, 0.5854 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(39, 121, 0) }
```

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

```
.border{ border-color:rgb(39, 121, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 121, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 121, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 121, 0);  
box-shadow:4px 4px 4px 4px rgb(39, 121, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.1061, 0.3184, 0.5854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 121, 0) }
```

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

```
.background{ background-color: rgb(39, 121,  
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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