

Converting Colors

$Y_{xy}(14.8565, 0.3056, 0.4950)$

Have a look what the booklet for
Yxy(14.8565, 0.3056, 0.4950)
contains.

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Color

Yxy(14.7913, 0.3059, 0.4941)

Conversions

Conversions Part 1

Format	Color
Hex	387937
RGB	56, 121, 55
RGB Percent	22%, 47%, 22%
CMY	0.7804, 0.5255, 0.7843
CMYK	0.54, 0.00, 0.55, 0.53
HSL	119°, 37%, 35%
HSV	119°, 55%, 47%
XYZ	9.1574, 14.7913, 5.9872
YIQ	94.0410, -17.5540, -34.3060

Conversions

Conversions Part 2

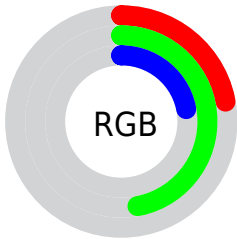
Format	Color
RYB	55, 121, 120
Decimal	3701047
CIELab	45.35, -35.21, 29.72
CIELCh	45, 46.074, 139.835
Yxy	14.7913, 0.3059, 0.4941
Android (android.graphics.Color)	4281891127 (0xFF387937)
YUV	94.0410, -19.2472, -33.3620
Hunter-Lab	38.4595, -24.8024, 17.6917

Details

The Yxy color **14.7913, 0.3059, 0.4941** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **8.1079, 0.3168, 0.2044**, and the grayscale version is **11.2528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5228, 0.3111, 0.4486**, and **4.5240, 0.2944, 0.5798** is the 20% darker color. If you saturate the color by 10%, you get **14.3863, 0.3044, 0.5267**, and if you desaturate by 10%, it is **15.3078, 0.3074, 0.4599**.

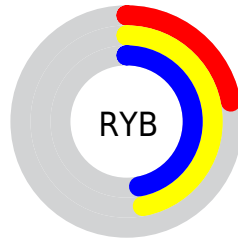
Distribution



Red (22%)

Green (47%)

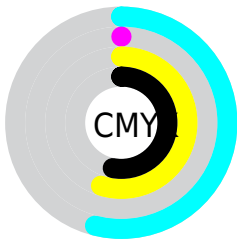
Blue (22%)



Red (22%)

Yellow (47%)

Blue (47%)

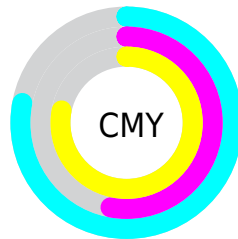


Cyan (54%)

Magenta (0%)

Yellow (55%)

Black (53%)



Cyan (78%)


Magenta (53%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7913, 0.3059, 0.4941 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 14.7913, 0.3059, 0.4941 by changing the saturation by 10% instead.


 14.7913, 0.3059,
0.4941


 14.7913, 0.3059,
0.4941


222.0995, 0.3141,
0.3903


 8.6730, 0.2999,
0.5307


 34.4866, 0.3110,
0.4495


 4.5285, 0.2877,
0.5858

 48.8325, 0.3121,
0.4350


 1.9734, 0.2768,
0.7232

 66.6897, 0.3129,
0.4235

 0.5919, 0.0000,
1.0000

 88.4427, 0.3133,
0.4143

 0.0000, 0.0000,
0.0000

 114.4757, 0.3136,
0.4067

 145.1733, 0.3138,

0.4003

180.9197, 0.3140,
0.3949

■ 14.7913, 0.3059,
0.4941

■ 14.7913, 0.3059,
0.4941

■ 14.3863, 0.3044,
0.5267

■ 15.3078, 0.3074,
0.4599

■ 14.0830, 0.3029,
0.5553

■ 15.9411, 0.3089,
0.4263

■ 13.8728, 0.3017,
0.5776

■ 16.6986, 0.3102,
0.3945

■ 13.7437, 0.3008,
0.5925

■ 17.5863, 0.3113,
0.3656

■ 13.6873, 0.3005,
0.5996

■ 18.6100, 0.3123,
0.3397

■ 19.7750, 0.3132,
0.3170

■ 21.0864, 0.3139,
0.2972

■ 22.5491, 0.3145,
0.2801

■ 24.1676, 0.3150,
0.2653

Harmonies

Analogous

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



14.7913, 0.3928, 0.4961



14.7913, 0.3059, 0.4941



14.7913, 0.2255, 0.4172

Triad

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



14.7913, 0.3059, 0.4941



14.7913, 0.1717, 0.1984



14.7913, 0.4724, 0.3152

Complementary

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



14.7913, 0.3059, 0.4941



8.1079, 0.3168, 0.2044

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.



14.7913, 0.3931, 0.2572



14.7913, 0.3059, 0.4941



14.7913, 0.2180, 0.1931

Square

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



14.7913, 0.3059, 0.4941



14.7913, 0.1567, 0.2357



14.7913, 0.2960, 0.2141



14.7913, 0.4972, 0.3800

Rectangle

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



14.7913, 0.3059, 0.4941



14.7913, 0.1869, 0.3460



14.7913, 0.2960, 0.2141



14.7913, 0.4507, 0.2948

Sweetspot

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



14.7919, 0.3059, 0.4941



31.1772, 0.3111, 0.3707



17.7509, 0.3891, 0.4521



7.0682, 0.3109, 0.3753



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.



14.7919, 0.3059, 0.4941



25.6328, 0.3041, 0.5330



15.1745, 0.2761, 0.4135



4.4526, 0.3119, 0.3510



14.6666, 0.3005, 0.5996



69.9281, 0.3002, 0.5998

Inverse Universe

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



8.1079, 0.3168, 0.2044



12.3612, 0.3173, 0.1834



7.5211, 0.3824, 0.2600



4.0746, 0.3135, 0.3079



5.6969, 0.3173, 0.1522



27.1395, 0.3171, 0.1521

Previews

White Background



This preview shows how the Yxy color 14.7913, 0.3059, 0.4941 looks on a white background.

Color Contrast Check

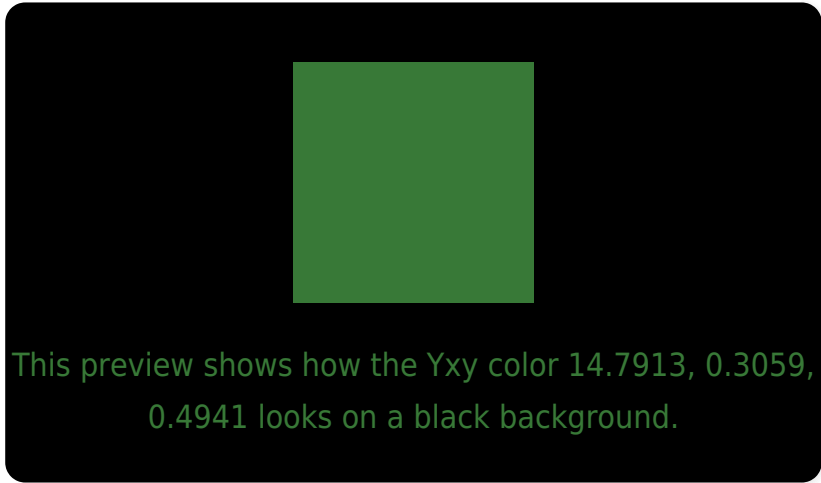
Large Text (above 18pt) WCAG AA ✓ Pass

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

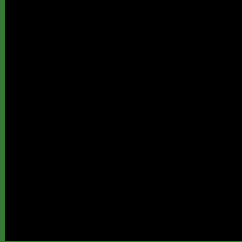
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.7913, 0.3059, 0.4941

Background



This preview shows how black text looks on a background with the Yxy color 14.7913, 0.3059, 0.4941.



This preview shows how white text looks on a background with the Yxy color 14.7913, 0.3059, 0.4941.

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

14.7913, 0.3059, 0.4941

Protanopia

14.5972, 0.4027, 0.4419

Deuteranopia

14.5748, 0.4143, 0.4087



Tritanopia

14.8043, 0.2542, 0.3087

Trichromacy



Original Color

14.7913, 0.3059, 0.4941

Protanomaly

14.2692, 0.3613, 0.4630

Deuteranomaly

14.1263, 0.3689, 0.4406

Tritanomaly

14.7627, 0.2744, 0.3746

Monochromacy



Original Color

14.7913, 0.3059, 0.4941

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

12.1853, 0.3099, 0.3890

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7913, 0.3059, 0.4941 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(56, 121, 55)` looks like.

```
.text, #text, p{  
    color:rgb(56, 121, 55)  
}
```

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(56, 121, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 121, 55) }
```

Border

The CSS property to change the border of an element to Yxy 14.7913, 0.3059, 0.4941 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(56, 121, 55) }
```

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

```
.border{ border-color:rgb(56, 121, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 121, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 121, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 121, 55);  
box-shadow:4px 4px 4px 4px rgb(56, 121,  
55) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7913, 0.3059, 0.4941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 121, 55) }
```

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

```
.background{ background-color: rgb(56, 121,  
55) }
```

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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