

Converting Colors

$Yxy(19.5007, 0.3094, 0.5123)$

Have a look what the booklet for
Yxy(19.5007, 0.3094, 0.5123)
contains.

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Color

Yxy(19.4769, 0.3096, 0.5126)

Conversions

Conversions Part 1

Format	Color
Hex	3E8A37
RGB	62, 138, 55
RGB Percent	24%, 54%, 22%
CMY	0.7570, 0.4588, 0.7842
CMYK	0.55, 0.00, 0.60, 0.46
HSL	115°, 43%, 38%
HSV	115°, 60%, 54%
XYZ	11.7637, 19.4769, 6.7557
YIQ	105.8140, -18.6530, -41.9250

Conversions

Conversions Part 2

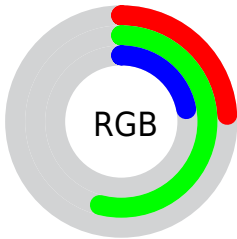
Format	Color
RYB	55, 138, 131
Decimal	4098615
CIELab	51.24, -40.65, 36.75
CIELCh	51, 54.806, 137.884
Yxy	19.4769, 0.3096, 0.5126
Android (android.graphics.Color)	4282288695 (0xFF3E8A37)
YUV	105.8140, -25.0513, -38.4249
Hunter-Lab	44.1326, -29.6526, 21.8168

Details


The Yxy color **19.4769, 0.3096, 0.5126** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9.3985, 0.3078, 0.1888**, and the grayscale version is **14.4321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4322, 0.3140, 0.4659**, and **6.8230, 0.2986, 0.5948** is the 20% darker color. If you saturate the color by 10%, you get **19.0013, 0.3079, 0.5430**, and if you desaturate by 10%, it is **20.0863, 0.3109, 0.4793**.

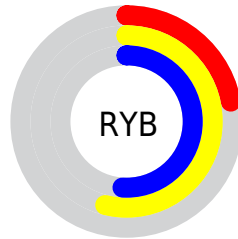
Distribution



 Red (24%)

 Green (54%)

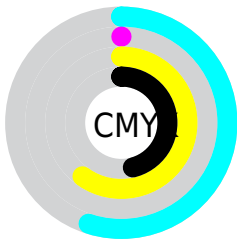
 Blue (22%)




 Red (22%)

 Yellow (54%)

 Blue (51%)

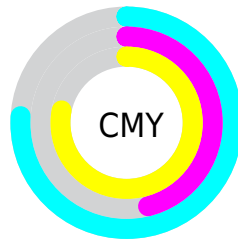



 Cyan (55%)

 Magenta (0%)

 Yellow (60%)

 Black (46%)



 Cyan (76%)

 Magenta (46%)


 Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4769, 0.3096, 0.5126 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 19.4769, 0.3096, 0.5126 by changing the saturation by 10% instead.


 19.4769, 0.3096,
0.5126


 19.4769, 0.3096,
0.5126


249.0690, 0.3167,
0.4012


 12.0154, 0.3038,
0.5486


 42.5384, 0.3145,
0.4664


 6.7542, 0.2923,
0.5998


 58.9072, 0.3155,
0.4508

 3.3088, 0.2835,
0.7165


 79.0138, 0.3161,
0.4384

 1.2950, 0.1281,
0.8719

 103.2428, 0.3165,
0.4282

 0.1373, 0.0000,
1.0000

 131.9783, 0.3166,
0.4197

 0.0000, 0.0000,
0.0000

 165.6050, 0.3167,

0.4126

204.5071, 0.3167,
0.4064

■ 19.4769, 0.3096,
0.5126

■ 19.4769, 0.3096,
0.5126

■ 19.0013, 0.3079,
0.5430

■ 20.0863, 0.3109,
0.4793

■ 18.6471, 0.3060,
0.5681

■ 20.8359, 0.3119,
0.4453

■ 18.4038, 0.3039,
0.5861

■ 21.7346, 0.3125,
0.4125

■ 18.2535, 0.3025,
0.5980

■ 22.7899, 0.3128,
0.3818

■ 24.0087, 0.3128,
0.3540

■ 25.3976, 0.3127,
0.3293

■ 26.9628, 0.3125,
0.3076

■ 28.7101, 0.3122,
0.2887

■ 30.6452, 0.3118,
0.2722

Harmonies

Analogous

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



19.4769, 0.4021, 0.5062



19.4769, 0.3096, 0.5126



19.4769, 0.2228, 0.4328

Triad

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



19.4769, 0.3096, 0.5126



19.4769, 0.1605, 0.1906



19.4769, 0.4817, 0.3085

Complementary

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



19.4769, 0.3096, 0.5126



9.3985, 0.3078, 0.1888

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.



19.4769, 0.3926, 0.2483



19.4769, 0.3096, 0.5126



19.4769, 0.2068, 0.1837

Square

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



19.4769, 0.3096, 0.5126



19.4769, 0.1466, 0.2317



19.4769, 0.2878, 0.2042



19.4769, 0.5116, 0.3762

Rectangle

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



19.4769, 0.3096, 0.5126



19.4769, 0.1806, 0.3540



19.4769, 0.2878, 0.2042



19.4769, 0.4570, 0.2872

Sweetspot

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



19.4777, 0.3096, 0.5126



40.5224, 0.3128, 0.3767



21.5670, 0.4028, 0.4545



8.9733, 0.3127, 0.3842



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



19.4777, 0.3096, 0.5126



33.2545, 0.3073, 0.5522



19.6993, 0.2791, 0.4421



5.6270, 0.3128, 0.3515



16.7377, 0.3026, 0.5979



0.1135, 0.3147, 0.5883

Inverse Universe

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



9.3985, 0.3078, 0.1888



13.8091, 0.3056, 0.1667



9.1538, 0.3800, 0.2417



5.1080, 0.3125, 0.3074



5.7827, 0.3005, 0.1429



0.0413, 0.3113, 0.1489

Previews

White Background



This preview shows how the Yxy color 19.4769, 0.3096, 0.5126 looks on a white 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

Black Background



This preview shows how the Yxy color 19.4769, 0.3096, 0.5126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

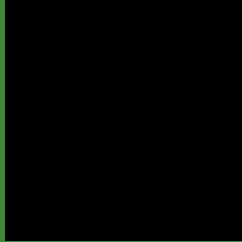
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.4769, 0.3096, 0.5126

Background



This preview shows how black text looks on a background with the Yxy color 19.4769, 0.3096, 0.5126.



This preview shows how white text looks on a background with the Yxy color 19.4769, 0.3096, 0.5126.

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

19.4769, 0.3096, 0.5126

Protanopia

19.3003, 0.4110, 0.4526

Deuteranopia

19.2173, 0.4254, 0.4196



Tritanopia

19.2994, 0.2527, 0.3069

Trichromacy



Original Color

19.4769, 0.3096, 0.5126

Protanomaly

18.8744, 0.3675, 0.4775

Deuteranomaly

18.5130, 0.3763, 0.4543

Tritanomaly

19.0231, 0.2741, 0.3790

Monochromacy



Original Color

19.4769, 0.3096, 0.5126

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

15.8186, 0.3131, 0.3990

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4769, 0.3096, 0.5126 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(62, 138, 55)` looks like.

```
.text, #text, p{  
    color:rgb(62, 138, 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(62, 138, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 138, 55) }
```

Border

The CSS property to change the border of an element to Yxy 19.4769, 0.3096, 0.5126 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(62, 138, 55) }
```

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

```
.border{ border-color:rgb(62, 138, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 138, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 138, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 138, 55);  
box-shadow:4px 4px 4px 4px rgb(62, 138,  
55) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4769, 0.3096, 0.5126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 138, 55) }
```

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

```
.background{ background-color: rgb(62, 138,  
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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