

Converting Colors

$Y_{xy}(11.0360, 0.4939, 0.4356)$

Have a look what the booklet for
Yxy(11.0360, 0.4939, 0.4356)
contains.

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Color

Yxy(11.0360, 0.4939, 0.4356)

Conversions

Conversions Part 1

Format	Color
Hex	83530B
RGB	131, 83, 11
RGB Percent	51%, 33%, 4%
CMY	0.4863, 0.6745, 0.9570
CMYK	0.00, 0.37, 0.92, 0.49
HSL	36°, 85%, 28%
HSV	36°, 92%, 51%
XYZ	12.5130, 11.0360, 1.7861
YIQ	89.1440, 51.7200, -12.2160

Conversions

Conversions Part 2

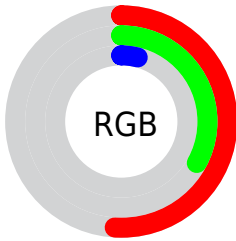
Format	Color
RYB	91, 131, 11
Decimal	8606475
CIELab	39.64, 14.53, 45.12
CIElCh	40, 47.396, 72.153
Yxy	11.0360, 0.4939, 0.4356
Android (android.graphics.Color)	4286796555 (0xFF83530B)
YUV	89.1440, -38.5250, 36.7077
Hunter-Lab	33.2205, 9.0991, 20.0666

Details

The Yxy color **11.0360, 0.4939, 0.4356** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4.8327, 0.1771, 0.1477**, and the grayscale version is **10.1017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5528, 0.4536, 0.4182**, and **2.9227, 0.5273, 0.4195** is the 20% darker color. If you saturate the color by 10%, you get **10.3626, 0.5085, 0.4345**, and if you desaturate by 10%, it is **11.9107, 0.4753, 0.4343**.

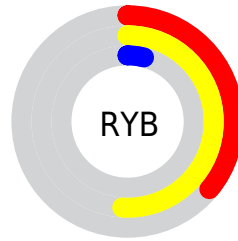
Distribution



Red (51%)

Green (33%)

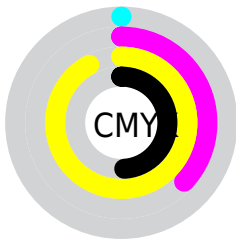
Blue (4%)



Red (36%)

Yellow (51%)

Blue (4%)

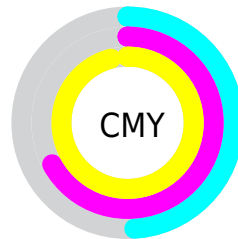


Cyan (0%)

Magenta (37%)

Yellow (92%)

Black (49%)



Cyan (49%)


Magenta (67%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0360, 0.4939, 0.4356 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 11.0360, 0.4939, 0.4356 by changing the saturation by 10% instead.


 11.0360, 0.4939,
0.4356


 11.0360, 0.4939,
0.4356


 197.9144, 0.3887,
0.3818


 6.0911, 0.5241,
0.4453

 27.7267, 0.4536,
0.4188

 2.9005, 0.5548,
0.4452

 40.2413, 0.4388,
0.4112


 1.0800, 0.5792,
0.4208

 56.0478, 0.4266,
0.4046

 0.0000, 1.0000,
0.0000


 75.5308, 0.4164,
0.3987


 0.0000, 0.0000,
0.0000

 99.0745, 0.4078,
0.3936


 127.0634, 0.4005,


0.3892


 159.8819, 0.3942,
0.3853


 11.0360, 0.4939,
0.4356

 11.0360, 0.4939,
0.4356


 10.3626, 0.5085,
0.4345

 11.9107, 0.4753,
0.4343

 12.8730, 0.4543,
0.4283

 13.9279, 0.4319,
0.4185

 15.0796, 0.4094,
0.4058

 16.3317, 0.3875,
0.3914

■ 17.6876, 0.3669,
0.3762

■ 19.1505, 0.3479,
0.3608

■ 20.7234, 0.3306,
0.3457

■ 22.4092, 0.3151,
0.3313

Harmonies

Analogous

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



11.0360, 0.5194, 0.3626



11.0360, 0.4939, 0.4356



11.0360, 0.4211, 0.5032

Triad

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



11.0360, 0.4939, 0.4356



11.0360, 0.1684, 0.3373



11.0360, 0.2677, 0.1939

Complementary

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



11.0360, 0.4939, 0.4356



4.8327, 0.1771, 0.1477

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.



11.0360, 0.1909, 0.1778



11.0360, 0.4939, 0.4356



11.0360, 0.1420, 0.2403

Square

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



11.0360, 0.4939, 0.4356



11.0360, 0.2340, 0.4600



11.0360, 0.1501, 0.1905



11.0360, 0.3745, 0.2350

Rectangle

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



11.0360, 0.4939, 0.4356



11.0360, 0.3593, 0.5276



11.0360, 0.1501, 0.1905



11.0360, 0.2381, 0.1856

Sweetspot

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



11.0366, 0.4939, 0.4356



32.7035, 0.3591, 0.3700



5.3790, 0.5063, 0.2653



7.4421, 0.3647, 0.3744



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



11.0366, 0.4939, 0.4356



18.2511, 0.5110, 0.4324



20.1767, 0.4012, 0.5129



5.1188, 0.3266, 0.3420



10.2065, 0.5084, 0.4345



0.0497, 0.4611, 0.4720

Inverse Universe

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



4.8327, 0.1771, 0.1477



7.1059, 0.1687, 0.1272



2.0589, 0.1617, 0.0729



4.8275, 0.2992, 0.3156



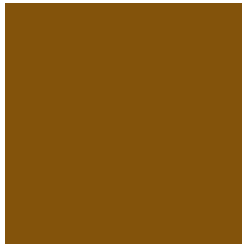
4.0685, 0.1698, 0.1314



0.0277, 0.1926, 0.2132

Previews

White Background



This preview shows how the Yxy color 11.0360, 0.4939, 0.4356 looks on a white background.

Color Contrast Check

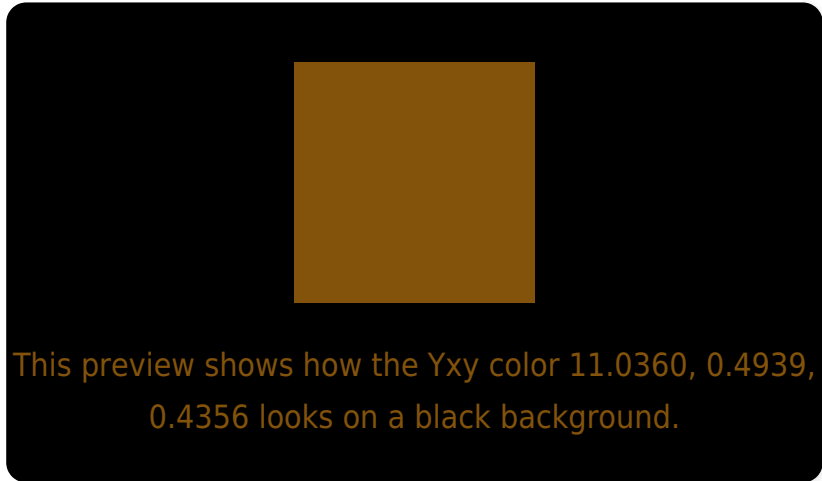
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0360, 0.4939, 0.4356

Background



This preview shows how black text looks on a background with the Yxy color 11.0360, 0.4939, 0.4356.



This preview shows how white text looks on a background with the Yxy color 11.0360, 0.4939, 0.4356.

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

11.0360, 0.4939, 0.4356

Protanopia

11.1041, 0.4324, 0.4786

Deuteranopia

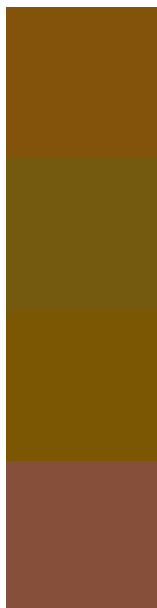
11.0667, 0.4699, 0.4651



Tritanopia

11.0006, 0.4058, 0.3178

Trichromacy



Original Color

11.0360, 0.4939, 0.4356

Protanomaly

10.9889, 0.4548, 0.4625

Deuteranomaly

11.0361, 0.4779, 0.4548

Tritanomaly

10.8739, 0.4499, 0.3704

Monochromacy



Original Color

11.0360, 0.4939, 0.4356

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.0964, 0.3846, 0.3899

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0360, 0.4939, 0.4356 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(131, 83, 11)` looks like.

```
.text, #text, p{  
    color:rgb(131, 83, 11)  
}
```

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(131, 83, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 83, 11) }
```

Border

The CSS property to change the border of an element to Yxy 11.0360, 0.4939, 0.4356 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(131, 83, 11) }
```

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

```
.border{ border-color:rgb(131, 83, 11) }
```

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

Here you see how a box with a 4 pixel rgb(131, 83, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 83, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 83, 11);  
box-shadow:4px 4px 4px 4px rgb(131, 83,  
11) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0360, 0.4939, 0.4356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 83, 11) }
```

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

```
.background{ background-color: rgb(131, 83,  
11) }
```

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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