

Converting Colors

$Y_{xy}(11.2636, 0.5639, 0.3831)$

Have a look what the booklet for
Yxy(11.2636, 0.5639, 0.3831)
contains.

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Color

Yxy(11.2636, 0.5639, 0.3831)

Conversions

Conversions Part 1

Format	Color
Hex	A14009
RGB	161, 64, 9
RGB Percent	63%, 25%, 4%
CMY	0.3687, 0.7490, 0.9648
CMYK	0.00, 0.60, 0.94, 0.37
HSL	22°, 89%, 33%
HSV	22°, 94%, 63%
XYZ	16.5793, 11.2636, 1.5583
YIQ	86.7330, 75.4670, 3.4590

Conversions

Conversions Part 2

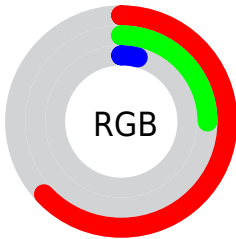
Format	Color
R_{YB}	161, 95, 9
Decimal	10567689
CIE _{Lab}	40.02, 37.90, 48.03
CIE _{LCh}	40, 61.183, 51.723
Yxy	11.2636, 0.5639, 0.3831
Android (android.graphics.Color)	4288757769 (0xFFA14009)
YUV	86.7330, -38.3224, 65.1322
Hunter-Lab	33.5613, 29.4471, 20.7400

Details

The Yxy color **11.2636, 0.5639, 0.3831** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.9315, 0.1942, 0.2147**, and the grayscale version is **9.5431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1173, 0.5083, 0.3855**, and **3.0419, 0.6263, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **10.6306, 0.5784, 0.3790**, and if you desaturate by 10%, it is **12.5824, 0.5358, 0.3888**.

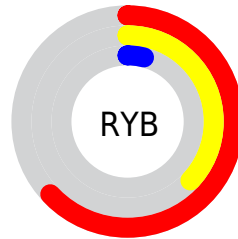
Distribution



Red (63%)

Green (25%)

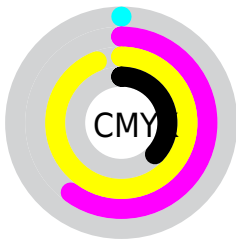
Blue (4%)



Red (63%)

Yellow (37%)

Blue (4%)

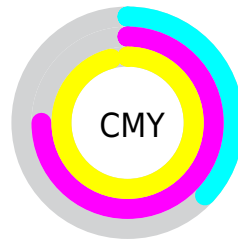


Cyan (0%)

Magenta (60%)

Yellow (94%)

Black (37%)



Cyan (37%)


Magenta (75%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2636, 0.5639, 0.3831 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 11.2636, 0.5639, 0.3831 by changing the saturation by 10% instead.


 11.2636, 0.5639,
0.3831

 11.2636, 0.5639,
0.3831


 199.4672, 0.4180,
0.3690


 6.2444, 0.6065,
0.3777


 28.1466, 0.5083,
0.3851


 2.9943, 0.6467,
0.3533

 40.7792, 0.4878,
0.3832


 1.1287, 0.6948,
0.3052

 56.7184, 0.4708,
0.3808

 0.0023, 0.9975,
0.0025


 76.3486, 0.4566,
0.3783


 0.0000, 0.0000,
0.0000


 100.0542, 0.4447,
0.3758


 128.2195, 0.4345,

0.3734


 161.2291, 0.4257,
0.3711

 11.2636, 0.5639,
0.3831


 11.2636, 0.5639,
0.3831


 10.6306, 0.5784,
0.3790

 12.5824, 0.5358,
0.3888

 14.1649, 0.5036,
0.3896

 16.0278, 0.4701,
0.3860

 18.1855, 0.4375,
0.3794

 20.6515, 0.4075,
0.3708

■ 23.4380, 0.3806,
0.3613

■ 26.5568, 0.3571,
0.3515

■ 30.0189, 0.3369,
0.3419

■ 33.8347, 0.3195,
0.3328

Harmonies

Analogous

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



11.2636, 0.5463, 0.3048



11.2636, 0.5639, 0.3831



11.2636, 0.5014, 0.4738

Triad

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



11.2636, 0.5639, 0.3831



11.2636, 0.1803, 0.4510



11.2636, 0.1882, 0.1513

Complementary

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



11.2636, 0.5639, 0.3831



12.9315, 0.1942, 0.2147

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.



11.2636, 0.1300, 0.1529



11.2636, 0.5639, 0.3831



11.2636, 0.1223, 0.2879

Square

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



11.2636, 0.5639, 0.3831



11.2636, 0.2820, 0.5771



11.2636, 0.1090, 0.1914



11.2636, 0.2937, 0.1793

Rectangle

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



11.2636, 0.5639, 0.3831



11.2636, 0.4343, 0.5355



11.2636, 0.1090, 0.1914



11.2636, 0.1640, 0.1485

Sweetspot

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



11.2642, 0.5639, 0.3831



45.1986, 0.3664, 0.3555



8.8495, 0.4239, 0.2145



9.4210, 0.3761, 0.3595



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



11.2642, 0.5639, 0.3831



18.6971, 0.5816, 0.3764



25.8275, 0.4446, 0.4812



7.4862, 0.3276, 0.3372



8.5632, 0.5769, 0.3801



0.2674, 0.5117, 0.4319

Inverse Universe

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



12.9315, 0.1942, 0.2147



21.4941, 0.1902, 0.2048



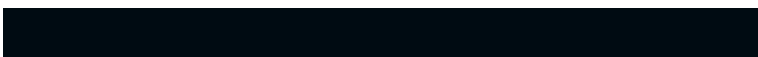
3.6525, 0.1576, 0.0816



7.5779, 0.2987, 0.3207



9.8368, 0.1912, 0.2083



0.2915, 0.2048, 0.2572

Previews

White Background



This preview shows how the Yxy color 11.2636, 0.5639, 0.3831 looks on a white background.

Color Contrast Check

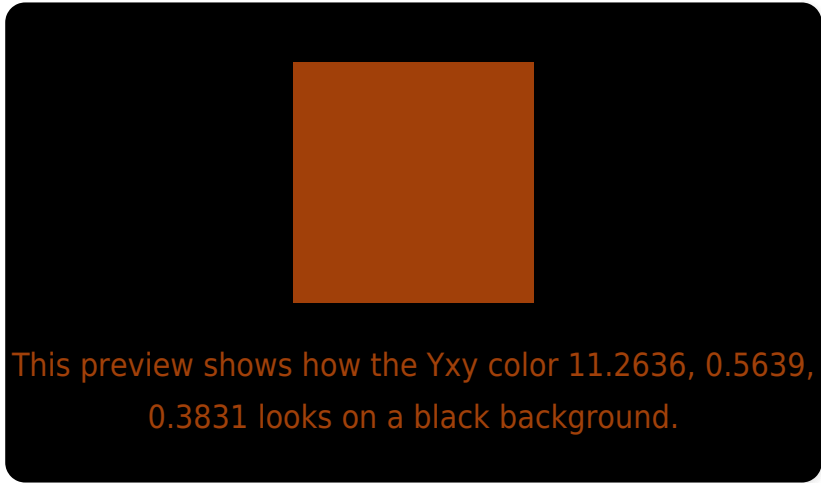
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2636, 0.5639, 0.3831

Background



This preview shows how black text looks on a background with the Yxy color 11.2636, 0.5639, 0.3831.



This preview shows how white text looks on a background with the Yxy color 11.2636, 0.5639, 0.3831.

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

11.2636, 0.5639, 0.3831

Protanopia

11.3572, 0.4299, 0.4753

Deuteranopia

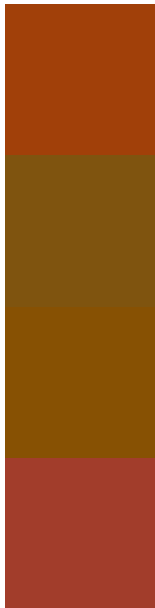
11.3054, 0.4694, 0.4655



Tritanopia

11.2720, 0.5026, 0.3253

Trichromacy



Original Color

11.2636, 0.5639, 0.3831

Protanomaly

10.8872, 0.4839, 0.4387

Deuteranomaly

11.0423, 0.5073, 0.4326

Tritanomaly

11.1933, 0.5356, 0.3526

Monochromacy



Original Color

11.2636, 0.5639, 0.3831

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.4851, 0.4140, 0.3731

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2636, 0.5639, 0.3831 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(161, 64, 9)` looks like.

```
.text, #text, p{  
  color:rgb(161, 64, 9)  
}
```

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(161, 64, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 64, 9) }
```

Border

The CSS property to change the border of an element to Yxy 11.2636, 0.5639, 0.3831 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(161, 64, 9) }
```

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

```
.border{ border-color:rgb(161, 64, 9) }
```

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

Here you see how a box with a 4 pixel rgb(161, 64, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 64, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 64, 9);  
box-shadow:4px 4px 4px 4px rgb(161, 64, 9)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2636, 0.5639, 0.3831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 64, 9) }
```

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

```
.background{ background-color: rgb(161, 64,  
9) }
```

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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