

Converting Colors

$Y_{xy}(11.9123, 0.5592, 0.3942)$

Have a look what the booklet for
Yxy(11.9123, 0.5592, 0.3942)
contains.

Yxy(11.8333, 0.5598, 0.3937)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.8333, 0.5598, 0.3937)

Conversions

Conversions Part 1

Format	Color
Hex	A14500
RGB	161, 69, 0
RGB Percent	63%, 27%, 0%
CMY	0.3686, 0.7294, 0.9999
CMYK	0.00, 0.57, 1.00, 0.37
HSL	26°, 100%, 32%
HSV	26°, 100%, 63%
XYZ	16.8257, 11.8333, 1.3976
YIQ	88.6420, 76.9810, -1.9550

Conversions

Conversions Part 2

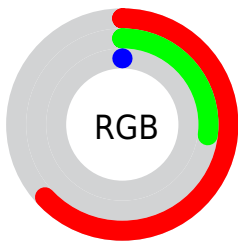
Format	Color
RYB	161, 121, 0
Decimal	10568960
CIELab	40.95, 35.27, 51.36
CIElCh	41, 62.307, 55.520
Yxy	11.8333, 0.5598, 0.3937
Android (android.graphics.Color)	4288759040 (0xFFA14500)
YUV	88.6420, -43.7005, 63.4580
Hunter-Lab	34.3996, 27.1097, 21.6708

Details

The Yxy color **11.8333, 0.5598, 0.3937** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **10.2284, 0.1844, 0.1838**, and the grayscale version is **9.9935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.2384, 0.5068, 0.3949**, and **3.2905, 0.6118, 0.3524** is the 20% darker color. If you saturate the color by 10%, you get **11.8328, 0.5598, 0.3937**, and if you desaturate by 10%, it is **13.0928, 0.5358, 0.4001**.

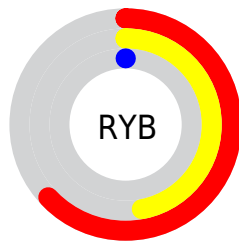
Distribution



Red (63%)

Green (27%)

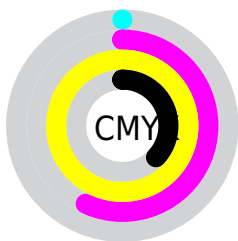
Blue (0%)



Red (63%)

Yellow (47%)

Blue (0%)

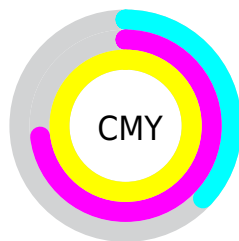


Cyan (0%)

Magenta (57%)

Yellow (100%)

Black (37%)



Cyan (37%)


Magenta (73%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.8333, 0.5598, 0.3937 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 11.8333, 0.5598, 0.3937 by changing the saturation by 10% instead.


 11.8333, 0.5598,
0.3937


 11.8333, 0.5598,
0.3937


 203.2986, 0.4188,
0.3745

 6.6303, 0.6012,
0.3906


 29.1911, 0.5072,
0.3941


 3.2320, 0.6340,
0.3660

 42.1147, 0.4874,
0.3915


 1.2540, 0.6780,
0.3220

 58.3806, 0.4709,
0.3885

 0.1052, 0.9019,
0.0981


 78.3732, 0.4570,
0.3854


 0.0000, 0.0000,
0.0000


 102.4769, 0.4452,
0.3824


 131.0761, 0.4351,

0.3796

 164.5552, 0.4264,
0.3769


 11.8333, 0.5598,
0.3937


 11.8333, 0.5598,
0.3937


 11.8328, 0.5598,
0.3937

 13.0928, 0.5358,
0.4001

 14.5647, 0.5085,
0.4024

 16.2697, 0.4786,
0.3998

 18.2200, 0.4483,
0.3933

 20.4266, 0.4193,
0.3841

■ 22.8998, 0.3924,
0.3733

■ 25.6492, 0.3684,
0.3619

■ 28.6837, 0.3472,
0.3505

■ 32.0120, 0.3287,
0.3394

Harmonies

Analogous

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



11.8333, 0.5545, 0.3142



11.8333, 0.5598, 0.3937



11.8333, 0.4898, 0.4858

Triad

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



11.8333, 0.5598, 0.3937



11.8333, 0.1699, 0.4290



11.8333, 0.1986, 0.1531

Complementary

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



11.8333, 0.5598, 0.3937



10.2284, 0.1844, 0.1838

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.



11.8333, 0.1349, 0.1508



11.8333, 0.5598, 0.3937



11.8333, 0.1182, 0.2715

Square

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



11.8333, 0.5598, 0.3937



11.8333, 0.2676, 0.5693



11.8333, 0.1096, 0.1837



11.8333, 0.3104, 0.1847

Rectangle

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



11.8333, 0.5598, 0.3937



11.8333, 0.4201, 0.5458



11.8333, 0.1096, 0.1837



11.8333, 0.1724, 0.1490

Sweetspot

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



11.8340, 0.5598, 0.3937



45.6415, 0.3697, 0.3626



8.3838, 0.4591, 0.2303



9.5733, 0.3789, 0.3671



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.



11.8340, 0.5598, 0.3937



20.8173, 0.5629, 0.3913



28.6256, 0.4345, 0.4932



7.5618, 0.3275, 0.3387



9.5288, 0.5584, 0.3948



0.2932, 0.4979, 0.4428

Inverse Universe

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



10.2284, 0.1844, 0.1838



17.9180, 0.1836, 0.1810



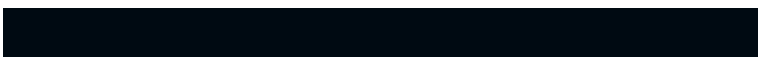
2.8722, 0.1517, 0.0662



7.5002, 0.2987, 0.3191



8.2504, 0.1848, 0.1851



0.2646, 0.2009, 0.2431

Previews

White Background



This preview shows how the Yxy color 11.8333, 0.5598, 0.3937 looks on a white background.

Color Contrast Check

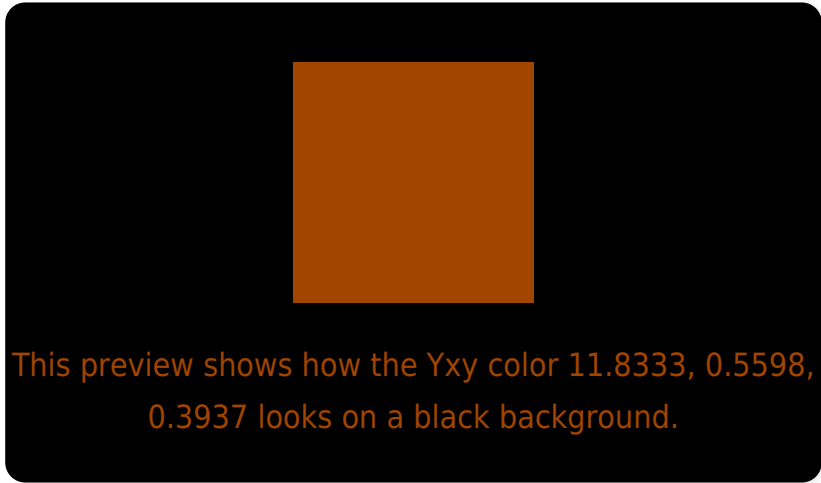
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.8333, 0.5598, 0.3937

Background



This preview shows how black text looks on a background with the Yxy color 11.8333, 0.5598, 0.3937.



This preview shows how white text looks on a background with the Yxy color 11.8333, 0.5598, 0.3937.

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

11.8333, 0.5598, 0.3937

Protanopia

12.0849, 0.4323, 0.4799

Deuteranopia

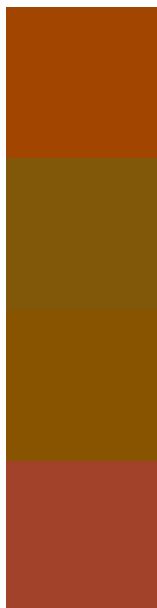
11.8652, 0.4701, 0.4650



Tritanopia

11.8707, 0.4904, 0.3238

Trichromacy



Original Color

11.8333, 0.5598, 0.3937

Protanomaly

11.5054, 0.4838, 0.4447

Deuteranomaly

11.6590, 0.5054, 0.4369

Tritanomaly

11.7522, 0.5289, 0.3596

Monochromacy



Original Color

11.8333, 0.5598, 0.3937

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

9.9748, 0.4160, 0.3833

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.8333, 0.5598, 0.3937 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, 69, 0)` looks like.

```
.text, #text, p{  
    color:rgb(161, 69, 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(161, 69, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 69, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.8333, 0.5598, 0.3937 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, 69, 0) }
```

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

```
.border{ border-color:rgb(161, 69, 0) }
```

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

Here you see how a box with a 4 pixel rgb(161, 69, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 69, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 69, 0);  
box-shadow:4px 4px 4px 4px rgb(161, 69, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.8333, 0.5598, 0.3937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 69, 0) }
```

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

```
.background{ background-color: rgb(161, 69,  
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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