

Converting Colors

$Y_{xy}(11.2546, 0.5136, 0.4096)$

Have a look what the booklet for
Yxy(11.2546, 0.5136, 0.4096)
contains.

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Color

Yxy(11.3389, 0.5133, 0.4105)

Conversions

Conversions Part 1

Format	Color
Hex	8F4E14
RGB	143, 78, 20
RGB Percent	56%, 31%, 8%
CMY	0.4392, 0.6941, 0.9214
CMYK	0.00, 0.45, 0.86, 0.44
HSL	28°, 75%, 32%
HSV	28°, 86%, 56%
XYZ	14.1785, 11.3389, 2.1048
YIQ	90.8230, 57.3580, -4.2580

Conversions

Conversions Part 2

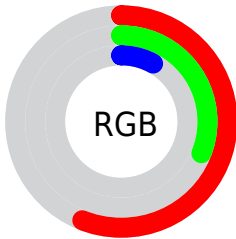
Format	Color
R_{YB}	143, 130, 20
Decimal	9391636
CIE Lab	40.15, 23.17, 43.13
CIE LCh	40, 48.956, 61.754
Yxy	11.3389, 0.5133, 0.4105
Android (android.graphics.Color)	4287581716 (0xFF8F4E14)
YUV	90.8230, -34.9157, 45.7592
Hunter-Lab	33.6733, 16.2309, 19.8653

Details

The Yxy color **11.3389, 0.5133, 0.4105** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.6342, 0.1917, 0.1947**, and the grayscale version is **10.4918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4246, 0.4673, 0.4007**, and **3.0593, 0.5656, 0.3891** is the 20% darker color. If you saturate the color by 10%, you get **10.2883, 0.5366, 0.4066**, and if you desaturate by 10%, it is **12.5429, 0.4869, 0.4095**.

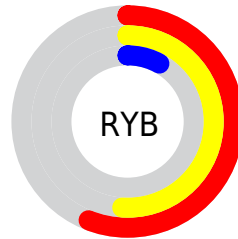
Distribution



Red (56%)

Green (31%)

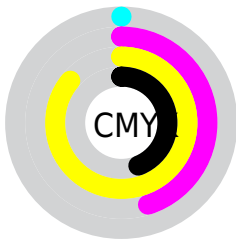
Blue (8%)



Red (56%)

Yellow (51%)

Blue (8%)

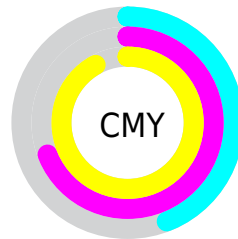


Cyan (0%)

Magenta (45%)

Yellow (86%)

Black (44%)



Cyan (44%)


Magenta (69%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3389, 0.5133, 0.4105 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 11.3389, 0.5133, 0.4105 by changing the saturation by 10% instead.


 11.3389, 0.5133,
0.4105

 11.3389, 0.5133,
0.4105


199.9781, 0.3954,
0.3732

 6.2953, 0.5464,
0.4130


 28.2852, 0.4673,
0.4006


 3.0254, 0.5903,
0.4097

 40.9566, 0.4507,
0.3954


 1.1450, 0.6248,
0.3752

 56.9394, 0.4371,
0.3906

 0.0161, 0.9730,
0.0270


 76.6180, 0.4258,
0.3863


 0.0000, 0.0000,
0.0000


 100.3768, 0.4164,
0.3825


 128.6001, 0.4083,


0.3790


 161.6724, 0.4014,
0.3760


 11.3389, 0.5133,
0.4105


 11.3389, 0.5133,
0.4105


 10.2883, 0.5366,
0.4066


 12.5429, 0.4869,
0.4095

 9.9031, 0.5460,
0.4047

 13.9082, 0.4589,
0.4040

 15.4430, 0.4311,
0.3952

 17.1542, 0.4046,
0.3843

 19.0482, 0.3803,
0.3722

■ 21.1310, 0.3583,
0.3597

■ 23.4084, 0.3389,
0.3475

■ 25.8858, 0.3219,
0.3357

■ 28.5684, 0.3070,
0.3247

Harmonies

Analogous

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



11.3389, 0.5169, 0.3378



11.3389, 0.5133, 0.4105



11.3389, 0.4519, 0.4844

Triad

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



11.3389, 0.5133, 0.4105



11.3389, 0.1840, 0.3813



11.3389, 0.2353, 0.1828

Complementary

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



11.3389, 0.5133, 0.4105



8.6342, 0.1917, 0.1947

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.



11.3389, 0.1704, 0.1759



11.3389, 0.5133, 0.4105



11.3389, 0.1439, 0.2667

Square

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



11.3389, 0.5133, 0.4105



11.3389, 0.2629, 0.4983



11.3389, 0.1408, 0.2003



11.3389, 0.3360, 0.2161

Rectangle

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



11.3389, 0.5133, 0.4105



11.3389, 0.3929, 0.5223



11.3389, 0.1408, 0.2003



11.3389, 0.2094, 0.1774

Sweetspot

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



11.3395, 0.5133, 0.4105



37.6245, 0.3595, 0.3604



7.0069, 0.4470, 0.2365



8.3572, 0.3660, 0.3643



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



11.3395, 0.5133, 0.4105



17.3973, 0.5492, 0.4022



24.3264, 0.4196, 0.4938



5.8170, 0.3271, 0.3394



8.7978, 0.5452, 0.4053



0.1277, 0.4816, 0.4558

Inverse Universe

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



8.6342, 0.1917, 0.1947



12.3610, 0.1798, 0.1673



2.7911, 0.1612, 0.0807



5.6972, 0.2990, 0.3184



6.3158, 0.1810, 0.1715



0.1045, 0.2016, 0.2456

Previews

White Background



This preview shows how the Yxy color 11.3389, 0.5133, 0.4105 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



This preview shows how the Yxy color 11.3389, 0.5133, 0.4105 looks on a 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 11.3389, 0.5133, 0.4105

Background



This preview shows how black text looks on a background with the Yxy color 11.3389, 0.5133, 0.4105.



This preview shows how white text looks on a background with the Yxy color 11.3389, 0.5133, 0.4105.

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

11.3389, 0.5133, 0.4105

Protanopia

11.3804, 0.4254, 0.4687

Deuteranopia

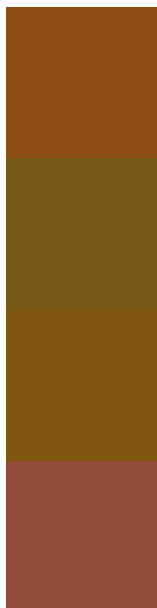
11.3319, 0.4637, 0.4582



Tritanopia

11.3349, 0.4366, 0.3206

Trichromacy



Original Color

11.3389, 0.5133, 0.4105

Protanomaly

11.1997, 0.4582, 0.4473

Deuteranomaly

11.2793, 0.4816, 0.4410

Tritanomaly

11.2569, 0.4718, 0.3599

Monochromacy



Original Color

11.3389, 0.5133, 0.4105

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.3522, 0.3896, 0.3765

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3389, 0.5133, 0.4105 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(143, 78, 20)` looks like.

```
.text, #text, p{  
    color:rgb(143, 78, 20)  
}
```

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(143, 78, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 78, 20) }
```

Border

The CSS property to change the border of an element to Yxy 11.3389, 0.5133, 0.4105 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(143, 78, 20) }
```

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

```
.border{ border-color:rgb(143, 78, 20) }
```

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

Here you see how a box with a 4 pixel rgb(143, 78, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 78, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 78, 20);  
box-shadow:4px 4px 4px 4px rgb(143, 78,  
20) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3389, 0.5133, 0.4105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 78, 20) }
```

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

```
.background{ background-color: rgb(143, 78,  
20) }
```

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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