

Converting Colors

$Y_{xy}(11.2373, 0.5587, 0.3893)$

Have a look what the booklet for
Yxy(11.2373, 0.5587, 0.3893)
contains.

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Color

Yxy(11.1787, 0.5595, 0.3889)

Conversions

Conversions Part 1

Format	Color
Hex	9E4206
RGB	158, 66, 6
RGB Percent	62%, 26%, 2%
CMY	0.3804, 0.7412, 0.9763
CMYK	0.00, 0.58, 0.96, 0.38
HSL	24°, 93%, 32%
HSV	24°, 96%, 62%
XYZ	16.0825, 11.1787, 1.4832
YIQ	86.6680, 74.0920, 0.8440

Conversions

Conversions Part 2

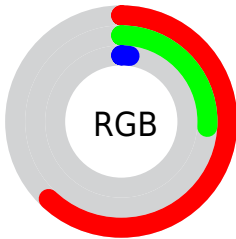
Format	Color
R_{YB}	158, 105, 6
Decimal	10371590
CIE _{Lab}	39.88, 35.69, 48.58
CIE _{LCh}	40, 60.280, 53.697
Yxy	11.1787, 0.5595, 0.3889
Android (android.graphics.Color)	4288561670 (0xFF9E4206)
YUV	86.6680, -39.7693, 62.5582
Hunter-Lab	33.4346, 27.3505, 20.7740

Details

The Yxy color **11.1787, 0.5595, 0.3889** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **11.2497, 0.1902, 0.2015**, and the grayscale version is **9.5320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0984, 0.5043, 0.3897**, and **2.9943, 0.6176, 0.3478** is the 20% darker color. If you saturate the color by 10%, you get **10.7529, 0.5691, 0.3863**, and if you desaturate by 10%, it is **12.4362, 0.5333, 0.3948**.

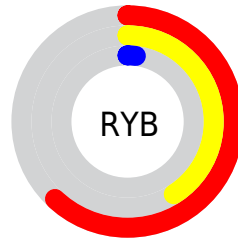
Distribution



Red (62%)

Green (26%)

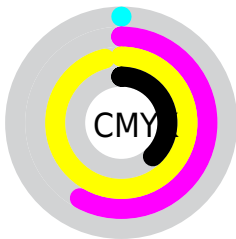
Blue (2%)



Red (62%)

Yellow (41%)

Blue (2%)

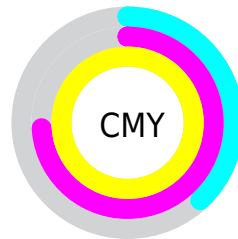


Cyan (0%)

Magenta (58%)

Yellow (96%)

Black (38%)



Cyan (38%)


Magenta (74%)

Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1787, 0.5595, 0.3889 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 11.1787, 0.5595, 0.3889 by changing the saturation by 10% instead.


 11.1787, 0.5595,
0.3889


 11.1787, 0.5595,
0.3889


 198.8895, 0.4164,
0.3712


 6.1872, 0.6021,
0.3851

 27.9901, 0.5051,
0.3895


 2.9592, 0.6393,
0.3607

 40.5788, 0.4850,
0.3871


 1.1105, 0.6861,
0.3139

 56.4687, 0.4683,
0.3843

 0.0000, 1.0000,
0.0000

 76.0441, 0.4544,
0.3814


 0.0000, 0.0000,
0.0000


 99.6895, 0.4427,
0.3786


 127.7893, 0.4326,

0.3760


 160.7278, 0.4240,
0.3735

 11.1787, 0.5595,
0.3889


 11.1787, 0.5595,
0.3889


 10.7529, 0.5691,
0.3863

 12.4362, 0.5333,
0.3948

 13.9250, 0.5032,
0.3957

 15.6607, 0.4713,
0.3922

 17.6558, 0.4399,
0.3853

 19.9220, 0.4105,
0.3761

■ 22.4698, 0.3839,
0.3659

■ 25.3094, 0.3604,
0.3553

■ 28.4501, 0.3400,
0.3449

■ 31.9011, 0.3224,
0.3349

Harmonies

Analogous

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



11.1787, 0.5479, 0.3104



11.1787, 0.5595, 0.3889



11.1787, 0.4942, 0.4793

Triad

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



11.1787, 0.5595, 0.3889



11.1787, 0.1766, 0.4381



11.1787, 0.1948, 0.1537

Complementary

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



11.1787, 0.5595, 0.3889



11.2497, 0.1902, 0.2015

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.



11.1787, 0.1341, 0.1534



11.1787, 0.5595, 0.3889



11.1787, 0.1220, 0.2802

Square

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



11.1787, 0.5595, 0.3889



11.1787, 0.2755, 0.5697



11.1787, 0.1110, 0.1889



11.1787, 0.3025, 0.1834

Rectangle

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



11.1787, 0.5595, 0.3889



11.1787, 0.4266, 0.5391



11.1787, 0.1110, 0.1889



11.1787, 0.1697, 0.1502

Sweetspot

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



11.1793, 0.5595, 0.3889



44.1535, 0.3680, 0.3589



8.3157, 0.4388, 0.2217



9.4876, 0.3775, 0.3632



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.



11.1793, 0.5595, 0.3889



19.1610, 0.5724, 0.3837



26.1192, 0.4390, 0.4869



7.0541, 0.3275, 0.3379



8.6842, 0.5677, 0.3874



0.2352, 0.5009, 0.4404

Inverse Universe

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



11.2497, 0.1902, 0.2015



19.1615, 0.1870, 0.1932



3.1512, 0.1552, 0.0744



7.0697, 0.2988, 0.3200



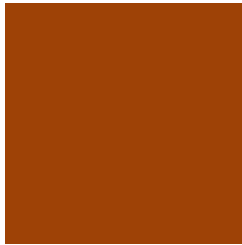
8.7048, 0.1881, 0.1971



0.2364, 0.2044, 0.2558

Previews

White Background



This preview shows how the Yxy color 11.1787, 0.5595, 0.3889 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 11.1787, 0.5595, 0.3889 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 11.1787, 0.5595, 0.3889

Background



This preview shows how black text looks on a background with the Yxy color 11.1787, 0.5595, 0.3889.



This preview shows how white text looks on a background with the Yxy color 11.1787, 0.5595, 0.3889.

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

11.1787, 0.5595, 0.3889

Protanopia

11.3476, 0.4318, 0.4781

Deuteranopia

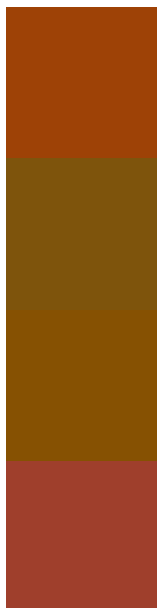
11.3054, 0.4694, 0.4655



Tritanopia

11.1927, 0.4952, 0.3238

Trichromacy



Original Color

11.1787, 0.5595, 0.3889

Protanomaly

10.8028, 0.4842, 0.4418

Deuteranomaly

10.9576, 0.5065, 0.4341

Tritanomaly

11.1078, 0.5282, 0.3550

Monochromacy



Original Color

11.1787, 0.5595, 0.3889

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.4082, 0.4140, 0.3756

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1787, 0.5595, 0.3889 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(158, 66, 6)` looks like.

```
.text, #text, p{  
  color:rgb(158, 66, 6)  
}
```

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(158, 66, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 66, 6) }
```

Border

The CSS property to change the border of an element to Yxy 11.1787, 0.5595, 0.3889 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(158, 66, 6) }
```

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

```
.border{ border-color:rgb(158, 66, 6) }
```

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

Here you see how a box with a 4 pixel rgb(158, 66, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 66, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 66, 6);  
box-shadow:4px 4px 4px 4px rgb(158, 66, 6)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.1787, 0.5595, 0.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 66, 6) }
```

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

```
.background{ background-color: rgb(158, 66,  
6) }
```

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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