

Converting Colors

$Y_{xy}(11.8600, 0.5195, 0.4121)$

Have a look what the booklet for
Yxy(11.8600, 0.5195, 0.4121)
contains.

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Color

Yxy(11.8295, 0.5198, 0.4123)

Conversions

Conversions Part 1

Format	Color
Hex	934F0F
RGB	147, 79, 15
RGB Percent	58%, 31%, 6%
CMY	0.4236, 0.6902, 0.9413
CMYK	0.00, 0.46, 0.90, 0.42
HSL	29°, 82%, 32%
HSV	29°, 90%, 58%
XYZ	14.9138, 11.8295, 1.9482
YIQ	92.0360, 61.0720, -5.4880

Conversions

Conversions Part 2

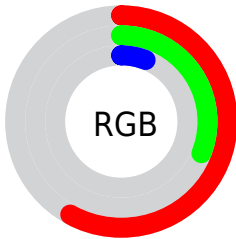
Format	Color
R_{YB}	147, 139, 15
Decimal	9654031
CIE _{Lab}	40.94, 24.24, 45.87
CIE _{LCh}	41, 51.878, 62.150
Yxy	11.8295, 0.5198, 0.4123
Android (android.graphics.Color)	4287844111 (0xFF934F0F)
YUV	92.0360, -37.9787, 48.2034
Hunter-Lab	34.3940, 17.2110, 20.7175

Details

The Yxy color **11.8295, 0.5198, 0.4123** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.3878, 0.1871, 0.1835**, and the grayscale version is **10.7899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.2040, 0.4739, 0.4040**, and **3.2614, 0.5667, 0.3882** is the 20% darker color. If you saturate the color by 10%, you get **10.7656, 0.5420, 0.4076**, and if you desaturate by 10%, it is **13.0429, 0.4951, 0.4130**.

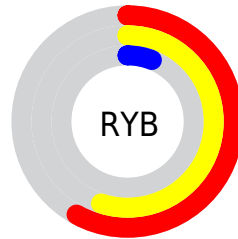
Distribution



Red (58%)

Green (31%)

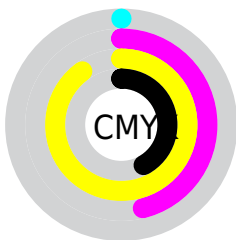
Blue (6%)



Red (58%)

Yellow (55%)

Blue (6%)

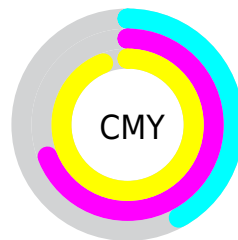


Cyan (0%)

Magenta (46%)

Yellow (90%)

Black (42%)



Cyan (42%)


Magenta (69%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.8295, 0.5198, 0.4123 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 11.8295, 0.5198, 0.4123 by changing the saturation by 10% instead.


 11.8295, 0.5198,
0.4123


 11.8295, 0.5198,
0.4123


203.2732, 0.3996,
0.3757


 6.6277, 0.5530,
0.4143


 29.1842, 0.4737,
0.4033


 3.2304, 0.5925,
0.4075

 42.1059, 0.4568,
0.3982

 1.2532, 0.6266,
0.3734

 58.3696, 0.4429,
0.3935

 0.1045, 0.8686,
0.1314

 78.3598, 0.4313,
0.3891

 0.0000, 0.0000,
0.0000

 102.4609, 0.4215,
0.3852

 131.0572, 0.4131,

0.3817

164.5332, 0.4059,
0.3785

11.8295, 0.5198,
0.4123

11.8295, 0.5198,
0.4123

10.7656, 0.5420,
0.4076

13.0429, 0.4951,
0.4130

10.7469, 0.5424,
0.4075

14.4189, 0.4682,
0.4089

15.9663, 0.4407,
0.4010

17.6924, 0.4140,
0.3904

19.6041, 0.3890,
0.3783

■ 21.7075, 0.3663,
0.3656

■ 24.0087, 0.3460,
0.3528

■ 26.5134, 0.3281,
0.3405

■ 29.2268, 0.3124,
0.3288

Harmonies

Analogous

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



11.8295, 0.5258, 0.3376



11.8295, 0.5198, 0.4123



11.8295, 0.4544, 0.4896

Triad

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



11.8295, 0.5198, 0.4123



11.8295, 0.1779, 0.3815



11.8295, 0.2333, 0.1783

Complementary

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



11.8295, 0.5198, 0.4123



8.3878, 0.1871, 0.1835

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.



11.8295, 0.1661, 0.1707



11.8295, 0.5198, 0.4123



11.8295, 0.1379, 0.2621

Square

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



11.8295, 0.5198, 0.4123



11.8295, 0.2586, 0.5060



11.8295, 0.1355, 0.1948



11.8295, 0.3381, 0.2128

Rectangle

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



11.8295, 0.5198, 0.4123



11.8295, 0.3929, 0.5303



11.8295, 0.1355, 0.1948



11.8295, 0.2065, 0.1726

Sweetspot

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



11.8301, 0.5198, 0.4123



39.7782, 0.3615, 0.3627



7.1707, 0.4618, 0.2405



8.8028, 0.3680, 0.3666



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



11.8301, 0.5198, 0.4123



18.8963, 0.5454, 0.4051



26.4244, 0.4190, 0.4984



6.2519, 0.3271, 0.3398



9.3672, 0.5415, 0.4082



0.1732, 0.4792, 0.4577

Inverse Universe

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



8.3878, 0.1871, 0.1835



12.5991, 0.1785, 0.1624



2.6140, 0.1570, 0.0724



6.0972, 0.2989, 0.3180



6.3213, 0.1796, 0.1667



0.1364, 0.2007, 0.2424

Previews

White Background



This preview shows how the Yxy color 11.8295, 0.5198, 0.4123 looks on a white background.

Color Contrast Check

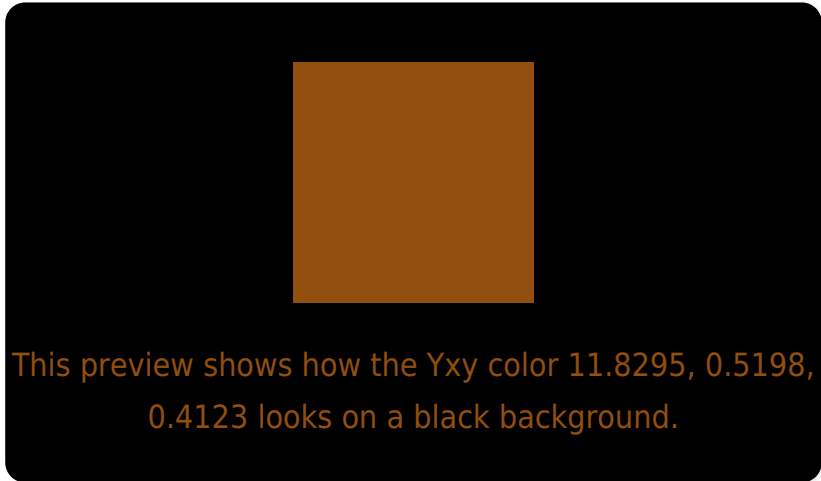
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.8295, 0.5198, 0.4123

Background



This preview shows how black text looks on a background with the Yxy color 11.8295, 0.5198, 0.4123.



This preview shows how white text looks on a background with the Yxy color 11.8295, 0.5198, 0.4123.

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

11.8295, 0.5198, 0.4123

Protanopia

11.8511, 0.4293, 0.4751

Deuteranopia

11.8652, 0.4701, 0.4650



Tritanopia

11.9461, 0.4416, 0.3210

Trichromacy



Original Color

11.8295, 0.5198, 0.4123

Protanomaly

11.5670, 0.4648, 0.4505

Deuteranomaly

11.7329, 0.4904, 0.4443

Tritanomaly

11.8440, 0.4794, 0.3618

Monochromacy



Original Color

11.8295, 0.5198, 0.4123

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.6313, 0.3939, 0.3801

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.8295, 0.5198, 0.4123 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(147, 79, 15)` looks like.

```
.text, #text, p{  
    color:rgb(147, 79, 15)  
}
```

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(147, 79, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 79, 15) }
```

Border

The CSS property to change the border of an element to Yxy 11.8295, 0.5198, 0.4123 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(147, 79, 15) }
```

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

```
.border{ border-color:rgb(147, 79, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 79, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 79, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 79, 15);  
box-shadow:4px 4px 4px 4px rgb(147, 79,  
15) }
```


Background

The CSS property to change the background color of an element to Yxy 11.8295, 0.5198, 0.4123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 79, 15) }
```

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

```
.background{ background-color: rgb(147, 79,  
15) }
```

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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