

Converting Colors

$Y_{xy}(10.4693, 0.5113, 0.4128)$

Have a look what the booklet for
Yxy(10.4693, 0.5113, 0.4128)
contains.

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Color

Yxy(10.5309, 0.5110, 0.4136)

Conversions

Conversions Part 1

Format	Color
Hex	894C12
RGB	137, 76, 18
RGB Percent	54%, 30%, 7%
CMY	0.4627, 0.7020, 0.9293
CMYK	0.00, 0.45, 0.87, 0.46
HSL	29°, 77%, 30%
HSV	29°, 87%, 54%
XYZ	13.0109, 10.5309, 1.9198
YIQ	87.6270, 54.9740, -5.1060

Conversions

Conversions Part 2

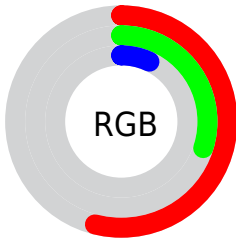
Format	Color
RYB	137, 131, 18
Decimal	8997906
CIELab	38.78, 21.57, 42.39
CIElCh	39, 47.564, 63.030
Yxy	10.5309, 0.5110, 0.4136
Android (android.graphics.Color)	4287187986 (0xFF894C12)
YUV	87.6270, -34.3261, 43.3001
Hunter-Lab	32.4513, 14.7769, 19.2084

Details

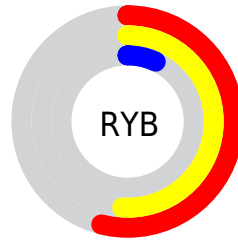
The Yxy color **10.5309, 0.5110, 0.4136** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **7.5299, 0.1899, 0.1891**, and the grayscale version is **9.7412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.6746, 0.4649, 0.4020**, and **2.7293, 0.5600, 0.3936** is the 20% darker color. If you saturate the color by 10%, you get **9.5816, 0.5336, 0.4101**, and if you desaturate by 10%, it is **11.6118, 0.4856, 0.4125**.

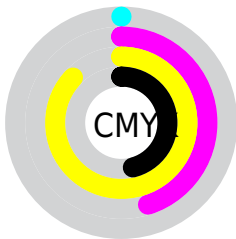
Distribution



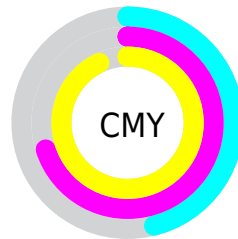
- Red (54%)
- Green (30%)
- Blue (7%)



- Red (54%)
- Yellow (51%)
- Blue (7%)



- Cyan (0%)
- Magenta (45%)
- Yellow (87%)
- Black (46%)





- Cyan (46%)
- Magenta (70%)
- Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5309, 0.5110, 0.4136 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 10.5309, 0.5110, 0.4136 by changing the saturation by 10% instead.


 10.5309, 0.5110,
0.4136


 10.5309, 0.5110,
0.4136


194.4203, 0.3934,
0.3738

 5.7524, 0.5456,
0.4177

 26.7894, 0.4648,
0.4026

 2.6951, 0.5872,
0.4128

 39.0381, 0.4482,
0.3970


 0.9747, 0.6227,
0.3773

 54.5457, 0.4347,
0.3919

 0.0000, 1.0000,
0.0000


 73.6966, 0.4235,
0.3874


 0.0000, 0.0000,
0.0000


 96.8751, 0.4141,
0.3833


 124.4656, 0.4062,


0.3798


 156.8525, 0.3993,
0.3766

 10.5309, 0.5110,
0.4136


 10.5309, 0.5110,
0.4136


 9.5816, 0.5336,
0.4101


 11.6118, 0.4856,
0.4125

 9.3050, 0.5408,
0.4088

 12.8320, 0.4586,
0.4070

 14.1986, 0.4315,
0.3980

 15.7176, 0.4055,
0.3869

 17.3944, 0.3814,
0.3745

■ 19.2342, 0.3596,
0.3617

■ 21.2420, 0.3403,
0.3491

■ 23.4223, 0.3232,
0.3369

■ 25.7797, 0.3082,
0.3255

Harmonies

Analogous

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



10.5309, 0.5174, 0.3409



10.5309, 0.5110, 0.4136



10.5309, 0.4481, 0.4868

Triad

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



10.5309, 0.5110, 0.4136



10.5309, 0.1820, 0.3756



10.5309, 0.2392, 0.1841

Complementary

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



10.5309, 0.5110, 0.4136



7.5299, 0.1899, 0.1891

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.



10.5309, 0.1728, 0.1761



10.5309, 0.5110, 0.4136



10.5309, 0.1436, 0.2632

Square

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



10.5309, 0.5110, 0.4136



10.5309, 0.2592, 0.4938



10.5309, 0.1419, 0.1990



10.5309, 0.3407, 0.2184

Rectangle

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



10.5309, 0.5110, 0.4136



10.5309, 0.3888, 0.5232



10.5309, 0.1419, 0.1990



10.5309, 0.2129, 0.1784

Sweetspot

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



10.5315, 0.5110, 0.4136



34.5376, 0.3591, 0.3614



6.3236, 0.4537, 0.2398



7.5205, 0.3652, 0.3651



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



10.5315, 0.5110, 0.4136



16.3382, 0.5441, 0.4062



22.6964, 0.4175, 0.4962



5.4246, 0.3269, 0.3397



8.6909, 0.5404, 0.4091



0.0869, 0.4788, 0.4580

Inverse Universe

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



7.5299, 0.1899, 0.1891



10.8050, 0.1785, 0.1624



2.4353, 0.1601, 0.0777



5.2885, 0.2991, 0.3181



5.8146, 0.1796, 0.1665



0.0679, 0.2005, 0.2419

Previews

White Background



This preview shows how the Yxy color 10.5309, 0.5110, 0.4136 looks on a white background.

Color Contrast Check

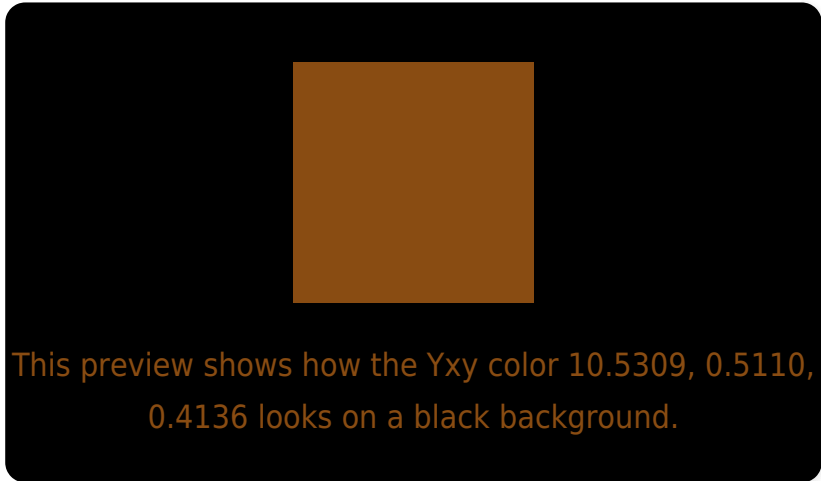
Large Text (above 18pt) WCAG AA ✓ Pass

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

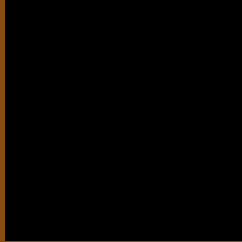
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 10.5309, 0.5110, 0.4136

Background



This preview shows how black text looks on a background with the Yxy color 10.5309, 0.5110, 0.4136.



This preview shows how white text looks on a background with the Yxy color 10.5309, 0.5110, 0.4136.

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

10.5309, 0.5110, 0.4136

Protanopia

10.5958, 0.4259, 0.4717

Deuteranopia

10.5513, 0.4642, 0.4592



Tritanopia

10.5172, 0.4325, 0.3202

Trichromacy



Original Color

10.5309, 0.5110, 0.4136

Protanomaly

10.3546, 0.4572, 0.4494

Deuteranomaly

10.5007, 0.4827, 0.4415

Tritanomaly

10.4442, 0.4688, 0.3612

Monochromacy



Original Color

10.5309, 0.5110, 0.4136

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

9.7637, 0.3875, 0.3779

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5309, 0.5110, 0.4136 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(137, 76, 18)` looks like.

```
.text, #text, p{  
    color:rgb(137, 76, 18)  
}
```

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(137, 76, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 76, 18) }
```

Border

The CSS property to change the border of an element to Yxy 10.5309, 0.5110, 0.4136 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(137, 76, 18) }
```

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

```
.border{ border-color:rgb(137, 76, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 76, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 76, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 76, 18);  
box-shadow:4px 4px 4px 4px rgb(137, 76,  
18) }
```


Background

The CSS property to change the background color of an element to Yxy 10.5309, 0.5110, 0.4136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 76, 18) }
```

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

```
.background{ background-color: rgb(137, 76,  
18) }
```

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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