

Converting Colors

$Y_{xy}(10.8158, 0.4994, 0.3962)$

Have a look what the booklet for
Yxy(10.8158, 0.4994, 0.3962)
contains.

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Color

Yxy(10.8598, 0.4989, 0.3958)

Conversions

Conversions Part 1

Format	Color
Hex	8C4C22
RGB	140, 76, 34
RGB Percent	55%, 30%, 13%
CMY	0.4510, 0.7019, 0.8666
CMYK	0.00, 0.46, 0.76, 0.45
HSL	24°, 61%, 34%
HSV	24°, 76%, 55%
XYZ	13.6886, 10.8598, 2.8892
YIQ	90.3480, 51.6260, 0.5060

Conversions

Conversions Part 2

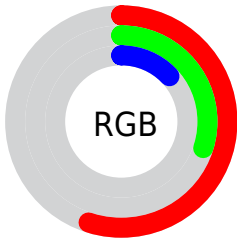
Format	Color
RYB	140, 104, 34
Decimal	9194530
CIELab	39.34, 23.54, 35.77
CIElCh	39, 42.816, 56.652
Yxy	10.8598, 0.4989, 0.3958
Android (android.graphics.Color)	4287384610 (0xFF8C4C22)
YUV	90.3480, -27.7796, 43.5448
Hunter-Lab	32.9542, 16.4760, 17.8698

Details

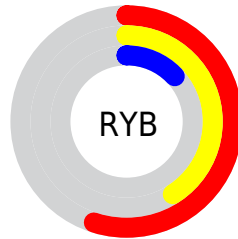
The Yxy color **10.8598, 0.4989, 0.3958** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.9716, 0.2071, 0.2327**, and the grayscale version is **10.3624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5216, 0.4530, 0.3868**, and **2.8598, 0.5690, 0.3864** is the 20% darker color. If you saturate the color by 10%, you get **9.7060, 0.5290, 0.3955**, and if you desaturate by 10%, it is **12.2008, 0.4674, 0.3918**.

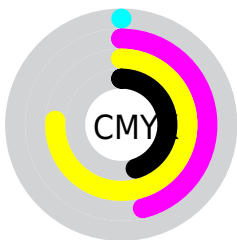
Distribution



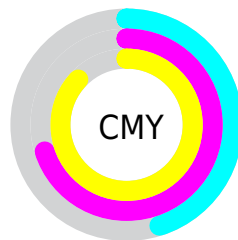
- Red (55%)
- Green (30%)
- Blue (13%)



- Red (55%)
- Yellow (41%)
- Blue (13%)



- Cyan (0%)
- Magenta (46%)
- Yellow (76%)
- Black (45%)





- Cyan (45%)
- Magenta (70%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.8598, 0.4989, 0.3958 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 10.8598, 0.4989, 0.3958 by changing the saturation by 10% instead.


 10.8598, 0.4989,
0.3958


 10.8598, 0.4989,
0.3958


196.7032, 0.3864,
0.3639


 5.9726, 0.5325,
0.3983

 27.4006, 0.4532,
0.3866


 2.8284, 0.5939,
0.4061

 39.8231, 0.4375,
0.3821


 1.0428, 0.6306,
0.3694

 55.5261, 0.4247,
0.3781

 0.0000, 1.0000,
0.0000


 74.8940, 0.4143,
0.3745


 0.0000, 0.0000,
0.0000


 98.3113, 0.4055,
0.3714


 126.1623, 0.3982,

0.3686


 158.8315, 0.3918,
0.3661

 10.8598, 0.4989,
0.3958


 10.8598, 0.4989,
0.3958


 9.7060, 0.5290,
0.3955


 12.2008, 0.4674,
0.3918


 8.7264, 0.5557,
0.3905

 13.7365, 0.4365,
0.3846

 8.3520, 0.5670,
0.3880

 15.4758, 0.4077,
0.3754

 17.4266, 0.3817,
0.3652

 19.5962, 0.3588,
0.3546

■ 21.9918, 0.3388,
0.3443

■ 24.6198, 0.3215,
0.3344

■ 27.4867, 0.3066,
0.3251

■ 30.5987, 0.2938,
0.3165

Harmonies

Analogous

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



10.8598, 0.4885, 0.3289



10.8598, 0.4989, 0.3958



10.8598, 0.4532, 0.4621

Triad

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



10.8598, 0.4989, 0.3958



10.8598, 0.2077, 0.3951



10.8598, 0.2309, 0.1926

Complementary

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



10.8598, 0.4989, 0.3958



10.9716, 0.2071, 0.2327

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.



10.8598, 0.1762, 0.1913



10.8598, 0.4989, 0.3958



10.8598, 0.1630, 0.2899

Square

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



10.8598, 0.4989, 0.3958



10.8598, 0.2849, 0.4880



10.8598, 0.1538, 0.2210



10.8598, 0.3173, 0.2195

Rectangle

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



10.8598, 0.4989, 0.3958



10.8598, 0.4030, 0.4968



10.8598, 0.1538, 0.2210



10.8598, 0.2089, 0.1891

Sweetspot

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



10.8604, 0.4989, 0.3958



35.4510, 0.3541, 0.3523



7.6284, 0.4024, 0.2248



7.8669, 0.3610, 0.3557



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



10.8604, 0.4989, 0.3958



15.8373, 0.5485, 0.3922



21.0344, 0.4229, 0.4738



5.3525, 0.3271, 0.3377



7.4577, 0.5661, 0.3887



0.0768, 0.4962, 0.4442

Inverse Universe

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



10.9716, 0.2071, 0.2327



15.8911, 0.1927, 0.2072



4.2177, 0.1779, 0.1175



5.3616, 0.2991, 0.3201



7.4298, 0.1882, 0.1975



0.0780, 0.2062, 0.2621

Previews

White Background



This preview shows how the Yxy color 10.8598, 0.4989, 0.3958 looks on a white background.

Color Contrast Check

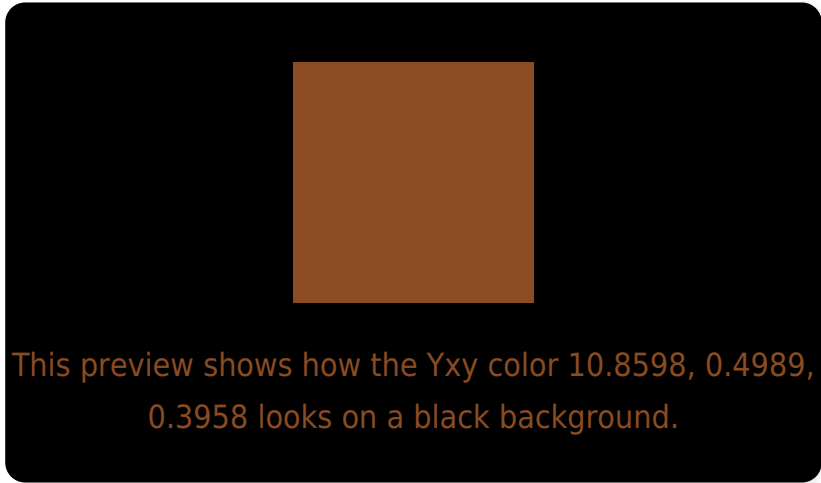
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.8598, 0.4989, 0.3958

Background



This preview shows how black text looks on a background with the Yxy color 10.8598, 0.4989, 0.3958.



This preview shows how white text looks on a background with the Yxy color 10.8598, 0.4989, 0.3958.

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

10.8598, 0.4989, 0.3958

Protanopia

10.9182, 0.4093, 0.4473

Deuteranopia

11.0204, 0.4469, 0.4420



Tritanopia

10.7931, 0.4355, 0.3187

Trichromacy



Original Color

10.8598, 0.4989, 0.3958

Protanomaly

10.7319, 0.4423, 0.4285

Deuteranomaly

10.7996, 0.4670, 0.4247

Tritanomaly

10.7647, 0.4626, 0.3504

Monochromacy



Original Color

10.8598, 0.4989, 0.3958

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.1273, 0.3783, 0.3635

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8598, 0.4989, 0.3958 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(140, 76, 34)` looks like.

```
.text, #text, p{  
    color:rgb(140, 76, 34)  
}
```

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(140, 76, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 76, 34) }
```

Border

The CSS property to change the border of an element to Yxy 10.8598, 0.4989, 0.3958 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(140, 76, 34) }
```

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

```
.border{ border-color:rgb(140, 76, 34) }
```

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

Here you see how a box with a 4 pixel rgb(140, 76, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 76, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 76, 34);  
box-shadow:4px 4px 4px 4px rgb(140, 76,  
34) }
```


Background

The CSS property to change the background color of an element to Yxy 10.8598, 0.4989, 0.3958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 76, 34) }
```

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

```
.background{ background-color: rgb(140, 76,  
34) }
```

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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