

Converting Colors

$Y_{xy}(10.9050, 0.5526, 0.3809)$

Have a look what the booklet for
Yxy(10.9050, 0.5526, 0.3809)
contains.

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Color

Yxy(10.8819, 0.5540, 0.3802)

Conversions

Conversions Part 1

Format	Color
Hex	9D4013
RGB	157, 64, 19
RGB Percent	62%, 25%, 7%
CMY	0.3843, 0.7490, 0.9253
CMYK	0.00, 0.59, 0.88, 0.38
HSL	20°, 78%, 35%
HSV	20°, 88%, 62%
XYZ	15.8563, 10.8819, 1.8833
YIQ	86.6770, 69.8730, 5.7210

Conversions

Conversions Part 2

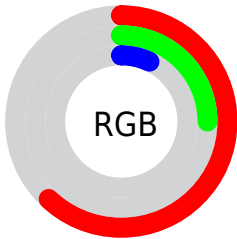
Format	Color
RYB	157, 86, 19
Decimal	10305555
CIELab	39.38, 36.54, 43.76
CIELCh	39, 57.009, 50.140
Yxy	10.8819, 0.5540, 0.3802
Android (android.graphics.Color)	4288495635 (0xFF9D4013)
YUV	86.6770, -33.3648, 61.6733
Hunter-Lab	32.9877, 28.0717, 19.7065

Details

The Yxy color **10.8819, 0.5540, 0.3802** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **14.1745, 0.2015, 0.2350**, and the grayscale version is **9.5212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5721, 0.4983, 0.3810**, and **2.8360, 0.6237, 0.3430** is the 20% darker color. If you saturate the color by 10%, you get **9.7601, 0.5818, 0.3732**, and if you desaturate by 10%, it is **12.2645, 0.5214, 0.3831**.

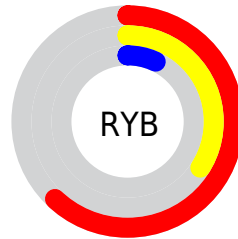
Distribution



Red (62%)

Green (25%)

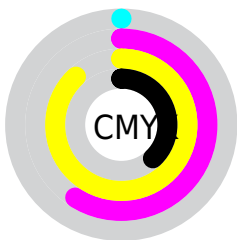
Blue (7%)



Red (62%)

Yellow (34%)

Blue (7%)

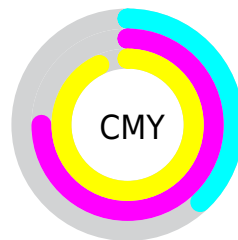


Cyan (0%)

Magenta (59%)

Yellow (88%)

Black (38%)



Cyan (38%)


Magenta (75%)


Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.8819, 0.5540, 0.3802 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 10.8819, 0.5540, 0.3802 by changing the saturation by 10% instead.


 10.8819, 0.5540,
0.3802


 10.8819, 0.5540,
0.3802


196.8555, 0.4113,
0.3651


 5.9875, 0.5952,
0.3746

 27.4416, 0.4982,
0.3808


 2.8375, 0.6442,
0.3558

 39.8756, 0.4782,
0.3787

 1.0475, 0.6929,
0.3071

 55.5916, 0.4617,
0.3763

 0.0000, 1.0000,
0.0000

 74.9741, 0.4481,
0.3738


 0.0000, 0.0000,
0.0000

 98.4073, 0.4367,
0.3714


 126.2756, 0.4269,


0.3691


 158.9636, 0.4186,
0.3670

 10.8819, 0.5540,
0.3802


 10.8819, 0.5540,
0.3802


 9.7601, 0.5818,
0.3732

 12.2645, 0.5214,
0.3831

 9.5494, 0.5875,
0.3717

 13.9266, 0.4864,
0.3815

 15.8849, 0.4517,
0.3766

 18.1539, 0.4195,
0.3694

 20.7472, 0.3906,
0.3611

■ 23.6775, 0.3654,
0.3523

■ 26.9566, 0.3437,
0.3436

■ 30.5961, 0.3252,
0.3352

■ 34.6066, 0.3096,
0.3274

Harmonies

Analogous

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



10.8819, 0.5301, 0.3040



10.8819, 0.5540, 0.3802



10.8819, 0.4992, 0.4657

Triad

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



10.8819, 0.5540, 0.3802



10.8819, 0.1921, 0.4519



10.8819, 0.1899, 0.1577

Complementary

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



10.8819, 0.5540, 0.3802



14.1745, 0.2015, 0.2350

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.



10.8819, 0.1352, 0.1613



10.8819, 0.5540, 0.3802



10.8819, 0.1324, 0.2984

Square

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



10.8819, 0.5540, 0.3802



10.8819, 0.2919, 0.5637



10.8819, 0.1166, 0.2018



10.8819, 0.2888, 0.1834

Rectangle

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



10.8819, 0.5540, 0.3802



10.8819, 0.4372, 0.5232



10.8819, 0.1166, 0.2018



10.8819, 0.1672, 0.1554

Sweetspot

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



10.8825, 0.5540, 0.3802



43.1648, 0.3622, 0.3511



8.8355, 0.4033, 0.2079



9.1095, 0.3697, 0.3539



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



10.8825, 0.5540, 0.3802



16.7885, 0.5908, 0.3691



23.6401, 0.4457, 0.4739



6.9815, 0.3276, 0.3363



7.8172, 0.5861, 0.3728



0.2123, 0.5164, 0.4282

Inverse Universe

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



14.1745, 0.2015, 0.2350



22.4031, 0.1939, 0.2181



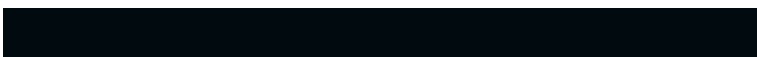
4.4008, 0.1651, 0.0999



7.1448, 0.2988, 0.3215



10.3929, 0.1948, 0.2212



0.2593, 0.2082, 0.2694

Previews

White Background



This preview shows how the Yxy color 10.8819, 0.5540, 0.3802 looks on a white background.

Color Contrast Check

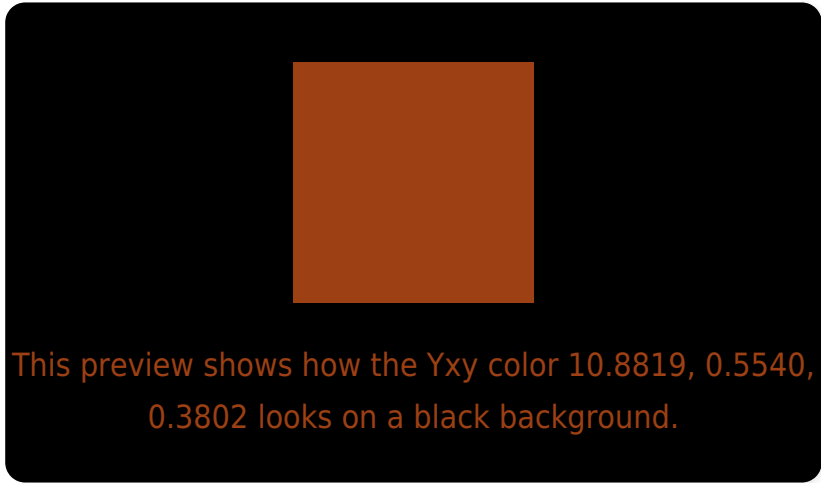
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.8819, 0.5540, 0.3802

Background



This preview shows how black text looks on a background with the Yxy color 10.8819, 0.5540, 0.3802.



This preview shows how white text looks on a background with the Yxy color 10.8819, 0.5540, 0.3802.

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

10.8819, 0.5540, 0.3802

Protanopia

11.0878, 0.4219, 0.4666

Deuteranopia

10.9963, 0.4683, 0.4663



Tritanopia

10.8710, 0.4955, 0.3237

Trichromacy



Original Color

10.8819, 0.5540, 0.3802

Protanomaly

10.5375, 0.4743, 0.4319

Deuteranomaly

10.6582, 0.5033, 0.4318

Tritanomaly

10.8200, 0.5234, 0.3474

Monochromacy



Original Color

10.8819, 0.5540, 0.3802

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.3845, 0.4049, 0.3672

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8819, 0.5540, 0.3802 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(157, 64, 19)` looks like.

```
.text, #text, p{  
    color:rgb(157, 64, 19)  
}
```

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(157, 64, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 64, 19) }
```

Border

The CSS property to change the border of an element to Yxy 10.8819, 0.5540, 0.3802 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(157, 64, 19) }
```

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

```
.border{ border-color:rgb(157, 64, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 64, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 64, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 64, 19);  
box-shadow:4px 4px 4px 4px rgb(157, 64,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 10.8819, 0.5540, 0.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 64, 19) }
```

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

```
.background{ background-color: rgb(157, 64,  
19) }
```

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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