

Converting Colors

$Y_{xy}(10.8507, 0.5119, 0.3562)$

Have a look what the booklet for
Yxy(10.8507, 0.5119, 0.3562)
contains.

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Color

Yxy(10.8821, 0.5108, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	994230
RGB	153, 66, 48
RGB Percent	60%, 26%, 19%
CMY	0.4000, 0.7411, 0.8117
CMYK	0.00, 0.57, 0.69, 0.40
HSL	10°, 52%, 39%
HSV	10°, 69%, 60%
XYZ	15.6184, 10.8821, 4.0758
YIQ	89.9610, 57.6300, 12.8460

Conversions

Conversions Part 2

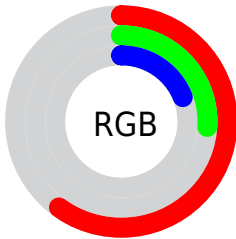
Format	Color
R_{YB}	153, 70, 48
Decimal	10043952
CIE _{Lab}	39.38, 35.15, 28.58
CIE _{LCh}	39, 45.306, 39.113
Yxy	10.8821, 0.5108, 0.3559
Android (android.graphics.Color)	4288234032 (0xFF994230)
YUV	89.9610, -20.6868, 55.2852
Hunter-Lab	32.9880, 26.7828, 15.7661

Details

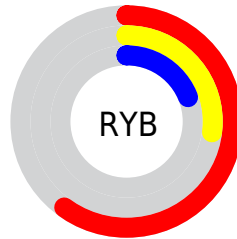
The Yxy color **10.8821, 0.5108, 0.3559** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **20.2595, 0.2262, 0.2931**, and the grayscale version is **10.2537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5459, 0.4597, 0.3559**, and **2.8328, 0.6120, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **9.4564, 0.5520, 0.3552**, and if you desaturate by 10%, it is **12.6810, 0.4696, 0.3541**.

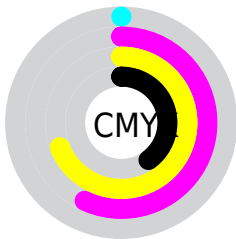
Distribution



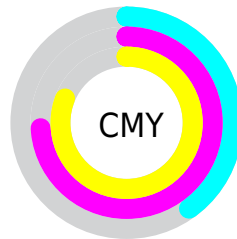
- Red (60%)
- Green (26%)
- Blue (19%)



- Red (60%)
- Yellow (27%)
- Blue (19%)



- Cyan (0%)
- Magenta (57%)
- Yellow (69%)
- Black (40%)





- Cyan (40%)
- Magenta (74%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.8821, 0.5108, 0.3559 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 10.8821, 0.5108, 0.3559 by changing the saturation by 10% instead.


 10.8821, 0.5108,
0.3559


 10.8821, 0.5108,
0.3559


196.8569, 0.3892,
0.3476

 5.9876, 0.5497,
0.3522

 27.4419, 0.4603,
0.3558


 2.8375, 0.6128,
0.3460

 39.8761, 0.4432,
0.3547


 1.0475, 0.6868,
0.3132

 55.5922, 0.4296,
0.3534

 0.0000, 1.0000,
0.0000

 74.9748, 0.4185,
0.3521

 0.0000, 0.0000,
0.0000

 98.4081, 0.4093,
0.3508

 126.2767, 0.4015,

0.3497

158.9648, 0.3949,
0.3486

■ 10.8821, 0.5108,
0.3559

■ 10.8821, 0.5108,
0.3559

■ 9.4564, 0.5520,
0.3552

■ 12.6810, 0.4696,
0.3541

■ 8.3755, 0.5886,
0.3516

■ 14.8753, 0.4316,
0.3507

■ 7.6057, 0.6170,
0.3460

■ 17.4876, 0.3983,
0.3464

■ 7.5201, 0.6206,
0.3454

■ 20.5382, 0.3700,
0.3417

■ 24.0459, 0.3464,
0.3371

■ 28.0288, 0.3268,
0.3326

■ 32.5036, 0.3107,
0.3284

■ 37.4864, 0.2973,
0.3246

■ 42.9925, 0.2862,
0.3211

Harmonies

Analogous

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



10.8821, 0.4609, 0.2896



10.8821, 0.5108, 0.3559



10.8821, 0.4934, 0.4265

Triad

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



10.8821, 0.5108, 0.3559



10.8821, 0.2457, 0.4643



10.8821, 0.1893, 0.1823

Complementary

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



10.8821, 0.5108, 0.3559



20.2595, 0.2262, 0.2931

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.



10.8821, 0.1527, 0.1983



10.8821, 0.5108, 0.3559



10.8821, 0.1781, 0.3493

Square

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



10.8821, 0.5108, 0.3559



10.8821, 0.3371, 0.5200



10.8821, 0.1482, 0.2514



10.8821, 0.2605, 0.1952

Rectangle

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



10.8821, 0.5108, 0.3559



10.8821, 0.4529, 0.4724



10.8821, 0.1482, 0.2514



10.8821, 0.1734, 0.1841

Sweetspot

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



10.8827, 0.5108, 0.3559



41.2211, 0.3526, 0.3384



10.6509, 0.3481, 0.1993



8.7504, 0.3584, 0.3395



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



10.8827, 0.5108, 0.3559



15.8928, 0.5712, 0.3538



19.9433, 0.4411, 0.4366



6.3853, 0.3279, 0.3329



6.2517, 0.6195, 0.3463



0.1311, 0.5593, 0.3941

Inverse Universe

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



20.2595, 0.2262, 0.2931



33.5996, 0.2162, 0.2841



9.1171, 0.1991, 0.1804



6.8464, 0.2989, 0.3251



14.4426, 0.2096, 0.2747



0.2579, 0.2170, 0.3013

Previews

White Background



This preview shows how the Yxy color 10.8821, 0.5108, 0.3559 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 10.8821, 0.5108, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

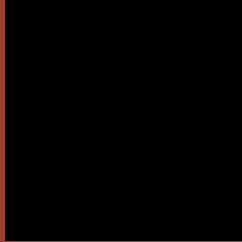
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.8821, 0.5108, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 10.8821, 0.5108, 0.3559.



This preview shows how white text looks on a background with the Yxy color 10.8821, 0.5108, 0.3559.

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

10.8821, 0.5108, 0.3559

Protanopia

11.1357, 0.3796, 0.4125

Deuteranopia

11.0322, 0.4301, 0.4232



Tritanopia

10.8424, 0.4791, 0.3217

Trichromacy



Original Color

10.8821, 0.5108, 0.3559

Protanomaly

10.6719, 0.4290, 0.3905

Deuteranomaly

10.7414, 0.4600, 0.3962

Tritanomaly

10.8737, 0.4917, 0.3341

Monochromacy



Original Color

10.8821, 0.5108, 0.3559

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

9.9036, 0.3812, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8821, 0.5108, 0.3559 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(153, 66, 48)` looks like.

```
.text, #text, p{  
    color:rgb(153, 66, 48)  
}
```

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(153, 66, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 66, 48) }
```

Border

The CSS property to change the border of an element to Yxy 10.8821, 0.5108, 0.3559 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(153, 66, 48) }
```

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

```
.border{ border-color:rgb(153, 66, 48) }
```

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

Here you see how a box with a 4 pixel rgb(153, 66, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 66, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 66, 48);  
box-shadow:4px 4px 4px 4px rgb(153, 66,  
48) }
```


Background

The CSS property to change the background color of an element to Yxy 10.8821, 0.5108, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 66, 48) }
```

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

```
.background{ background-color: rgb(153, 66,  
48) }
```

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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