

Converting Colors

$Y_{xy}(10.4121, 0.5683, 0.3844)$

Have a look what the booklet for
Yxy(10.4121, 0.5683, 0.3844)
contains.

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Color

Yxy(10.4120, 0.5683, 0.3843)

Conversions

Conversions Part 1

Format	Color
Hex	9C3D03
RGB	156, 61, 3
RGB Percent	61%, 24%, 1%
CMY	0.3882, 0.7608, 0.9882
CMYK	0.00, 0.61, 0.98, 0.39
HSL	23°, 96%, 31%
HSV	23°, 98%, 61%
XYZ	15.3972, 10.4120, 1.2842
YIQ	82.7930, 75.2380, 2.1020

Conversions

Conversions Part 2

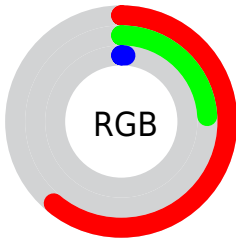
Format	Color
RYB	156, 96, 3
Decimal	10239235
CIELab	38.57, 37.34, 48.56
CIELCh	39, 61.260, 52.443
Yxy	10.4120, 0.5683, 0.3843
Android (android.graphics.Color)	4288429315 (0xFF9C3D03)
YUV	82.7930, -39.3379, 64.2025
Hunter-Lab	32.2676, 28.7067, 20.2276

Details

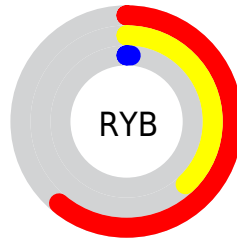
The Yxy color **10.4120, 0.5683, 0.3843** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **11.1581, 0.1905, 0.2043**, and the grayscale version is **8.6758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.6256, 0.5107, 0.3871**, and **2.6933, 0.6292, 0.3386** is the 20% darker color. If you saturate the color by 10%, you get **10.2107, 0.5733, 0.3830**, and if you desaturate by 10%, it is **11.5810, 0.5420, 0.3909**.

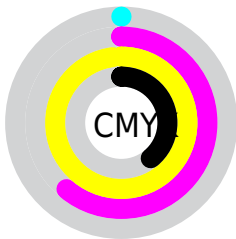
Distribution



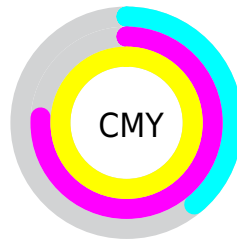
- Red (61%)
- Green (24%)
- Blue (1%)



- Red (61%)
- Yellow (38%)
- Blue (1%)



- Cyan (0%)
- Magenta (61%)
- Yellow (98%)
- Black (39%)





- Cyan (39%)
- Magenta (76%)
- Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.4120, 0.5683, 0.3843 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 10.4120, 0.5683, 0.3843 by changing the saturation by 10% instead.


 10.4120, 0.5683,
0.3843


 10.4120, 0.5683,
0.3843


 193.5878, 0.4192,
0.3704


 5.6730, 0.6162,
0.3805

 26.5676, 0.5115,
0.3870


 2.6473, 0.6502,
0.3498

 38.7530, 0.4905,
0.3851


 0.9505, 0.7017,
0.2983

 54.1892, 0.4731,
0.3827

 0.0000, 1.0000,
0.0000


 73.2608, 0.4586,
0.3800


 0.0000, 0.0000,
0.0000


 96.3520, 0.4464,
0.3774


 123.8473, 0.4359,


0.3749

 156.1311, 0.4270,
0.3725


 10.4120, 0.5683,
0.3843


 10.4120, 0.5683,
0.3843


 10.2107, 0.5733,
0.3830

 11.5810, 0.5420,
0.3909

 12.9775, 0.5118,
0.3930

 14.6198, 0.4794,
0.3905

 16.5212, 0.4471,
0.3845

 18.6933, 0.4167,
0.3761

■ 21.1475, 0.3892,
0.3664

■ 23.8939, 0.3648,
0.3562

■ 26.9426, 0.3437,
0.3461

■ 30.3026, 0.3255,
0.3364

Harmonies

Analogous

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



10.4120, 0.5539, 0.3051



10.4120, 0.5683, 0.3843



10.4120, 0.5030, 0.4784

Triad

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



10.4120, 0.5683, 0.3843



10.4120, 0.1747, 0.4504



10.4120, 0.1875, 0.1484

Complementary

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



10.4120, 0.5683, 0.3843



11.1581, 0.1905, 0.2043

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.



10.4120, 0.1276, 0.1491



10.4120, 0.5683, 0.3843



10.4120, 0.1177, 0.2829

Square

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



10.4120, 0.5683, 0.3843



10.4120, 0.2771, 0.5835



10.4120, 0.1056, 0.1865



10.4120, 0.2961, 0.1774

Rectangle

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



10.4120, 0.5683, 0.3843



10.4120, 0.4334, 0.5423



10.4120, 0.1056, 0.1865



10.4120, 0.1626, 0.1452

Sweetspot

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



10.4126, 0.5683, 0.3843



42.6109, 0.3683, 0.3577



8.0524, 0.4355, 0.2186



8.9343, 0.3777, 0.3618



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.



10.4126, 0.5683, 0.3843



18.1904, 0.5766, 0.3803



24.5742, 0.4434, 0.4847



7.0376, 0.3275, 0.3375



8.4719, 0.5720, 0.3840



0.2300, 0.5042, 0.4378

Inverse Universe

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



11.1581, 0.1905, 0.2043



19.4552, 0.1886, 0.1989



3.0488, 0.1545, 0.0742



7.0866, 0.2988, 0.3203



9.0678, 0.1896, 0.2026



0.2416, 0.2053, 0.2590

Previews

White Background



This preview shows how the Yxy color 10.4120, 0.5683, 0.3843 looks on a white background.

Color Contrast Check

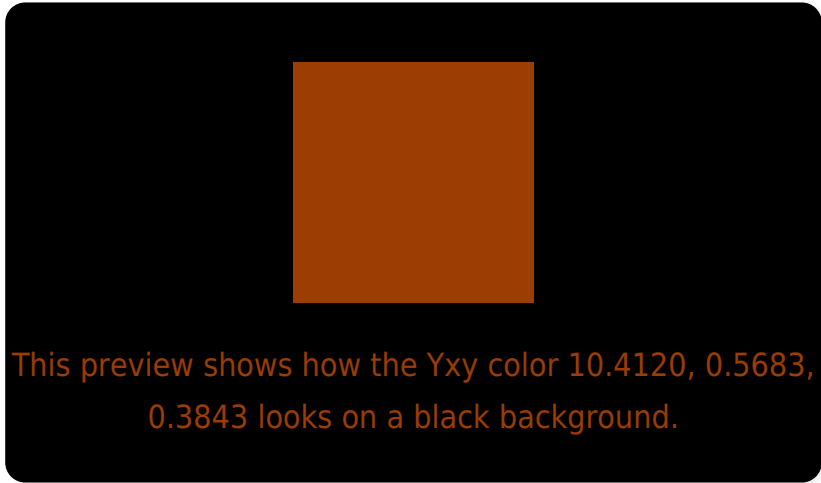
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.4120, 0.5683, 0.3843

Background



This preview shows how black text looks on a background with the Yxy color 10.4120, 0.5683, 0.3843.



This preview shows how white text looks on a background with the Yxy color 10.4120, 0.5683, 0.3843.

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

10.4120, 0.5683, 0.3843

Protanopia

10.5753, 0.4301, 0.4781

Deuteranopia

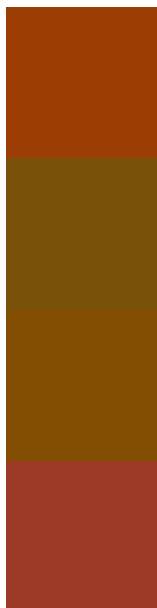
10.5294, 0.4692, 0.4656



Tritanopia

10.4206, 0.5051, 0.3253

Trichromacy



Original Color

10.4120, 0.5683, 0.3843

Protanomaly

10.0466, 0.4848, 0.4416

Deuteranomaly

10.2763, 0.5092, 0.4328

Tritanomaly

10.3407, 0.5404, 0.3540

Monochromacy



Original Color

10.4120, 0.5683, 0.3843

Achromatopsia

8.6500, 0.3127, 0.3290

Achromatomaly

8.6135, 0.4203, 0.3766

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.4120, 0.5683, 0.3843 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(156, 61, 3)` looks like.

```
.text, #text, p{  
    color:rgb(156, 61, 3)  
}
```

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(156, 61, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 61, 3) }
```

Border

The CSS property to change the border of an element to Yxy 10.4120, 0.5683, 0.3843 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(156, 61, 3) }
```

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

```
.border{ border-color:rgb(156, 61, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 61, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 61, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 61, 3);  
box-shadow:4px 4px 4px 4px rgb(156, 61, 3)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.4120, 0.5683, 0.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 61, 3) }
```

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

```
.background{ background-color: rgb(156, 61,  
3) }
```

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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