

Converting Colors

$Y_{xy}(10.5240, 0.5699, 0.3832)$

Have a look what the booklet for
Yxy(10.5240, 0.5699, 0.3832)
contains.

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Color

Yxy(10.5122, 0.5691, 0.3837)

Conversions

Conversions Part 1

Format	Color
Hex	9D3D03
RGB	157, 61, 3
RGB Percent	62%, 24%, 1%
CMY	0.3843, 0.7608, 0.9883
CMYK	0.00, 0.61, 0.98, 0.38
HSL	23°, 96%, 31%
HSV	23°, 98%, 62%
XYZ	15.5916, 10.5122, 1.2931
YIQ	83.0920, 75.8340, 2.3140

Conversions

Conversions Part 2

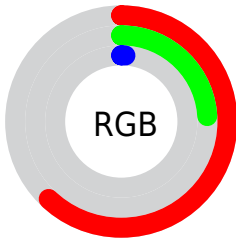
Format	Color
R_{YB}	157, 96, 3
Decimal	10304771
CIE Lab	38.75, 37.73, 48.76
CIE LCh	39, 61.654, 52.266
Yxy	10.5122, 0.5691, 0.3837
Android (android.graphics.Color)	4288494851 (0xFF9D3D03)
YUV	83.0920, -39.4854, 64.8173
Hunter-Lab	32.4225, 29.0990, 20.3311

Details

The Yxy color **10.5122, 0.5691, 0.3837** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **11.3794, 0.1907, 0.2050**, and the grayscale version is **8.7401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.7793, 0.5115, 0.3867**, and **2.7269, 0.6309, 0.3372** is the 20% darker color. If you saturate the color by 10%, you get **10.3106, 0.5740, 0.3824**, and if you desaturate by 10%, it is **11.6942, 0.5428, 0.3904**.

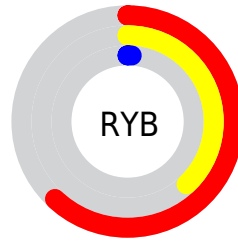
Distribution



Red (62%)

Green (24%)

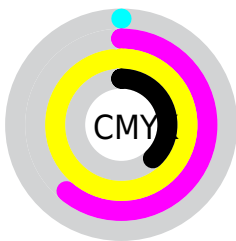
Blue (1%)



Red (62%)

Yellow (38%)

Blue (1%)

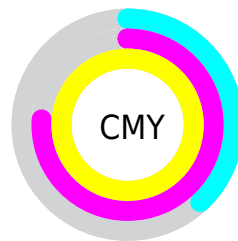


Cyan (0%)

Magenta (61%)

Yellow (98%)

Black (38%)



Cyan (38%)


Magenta (76%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5122, 0.5691, 0.3837 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 10.5122, 0.5691, 0.3837 by changing the saturation by 10% instead.


 10.5122, 0.5691,
0.3837


 10.5122, 0.5691,
0.3837


 194.2897, 0.4197,
0.3703


 5.7399, 0.6167,
0.3796


 26.7545, 0.5123,
0.3866


 2.6876, 0.6510,
0.3490


 38.9933, 0.4912,
0.3848


 0.9709, 0.7022,
0.2978

 54.4897, 0.4738,
0.3824

 0.0000, 1.0000,
0.0000

 73.6281, 0.4593,
0.3798


 0.0000, 0.0000,
0.0000


 96.7929, 0.4470,
0.3772


 124.3685, 0.4366,

0.3748


 156.7393, 0.4275,
0.3724


 10.5122, 0.5691,
0.3837


 10.5122, 0.5691,
0.3837


 10.3106, 0.5740,
0.3824

 11.6942, 0.5428,
0.3904

 13.1084, 0.5125,
0.3926

 14.7735, 0.4799,
0.3901

 16.7030, 0.4475,
0.3842

 18.9089, 0.4170,
0.3758

■ 21.4028, 0.3893,
0.3662

■ 24.1951, 0.3650,
0.3561

■ 27.2961, 0.3438,
0.3460

■ 30.7152, 0.3255,
0.3364

Harmonies

Analogous

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



10.5122, 0.5542, 0.3045



10.5122, 0.5691, 0.3837



10.5122, 0.5039, 0.4779

Triad

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



10.5122, 0.5691, 0.3837



10.5122, 0.1748, 0.4519



10.5122, 0.1867, 0.1480

Complementary

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



10.5122, 0.5691, 0.3837



11.3794, 0.1907, 0.2050

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.



10.5122, 0.1270, 0.1488



10.5122, 0.5691, 0.3837



10.5122, 0.1174, 0.2834

Square

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



10.5122, 0.5691, 0.3837



10.5122, 0.2775, 0.5848



10.5122, 0.1051, 0.1865



10.5122, 0.2952, 0.1768

Rectangle

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



10.5122, 0.5691, 0.3837



10.5122, 0.4342, 0.5422



10.5122, 0.1051, 0.1865



10.5122, 0.1619, 0.1448

Sweetspot

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



10.5128, 0.5691, 0.3837



42.5580, 0.3683, 0.3576



8.1648, 0.4356, 0.2186



8.9216, 0.3778, 0.3616



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.



10.5128, 0.5691, 0.3837



18.1207, 0.5773, 0.3798



24.9185, 0.4434, 0.4847



7.0351, 0.3275, 0.3375



8.4395, 0.5727, 0.3835



0.2292, 0.5048, 0.4374

Inverse Universe

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



11.3794, 0.1907, 0.2050



19.5835, 0.1888, 0.1998



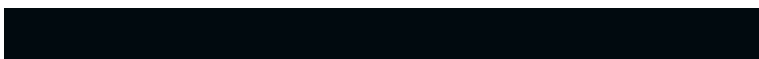
3.0880, 0.1545, 0.0741



7.0893, 0.2988, 0.3204



9.1256, 0.1898, 0.2034



0.2424, 0.2054, 0.2595

Previews

White Background



This preview shows how the Yxy color 10.5122, 0.5691, 0.3837 looks on a white background.

Color Contrast Check

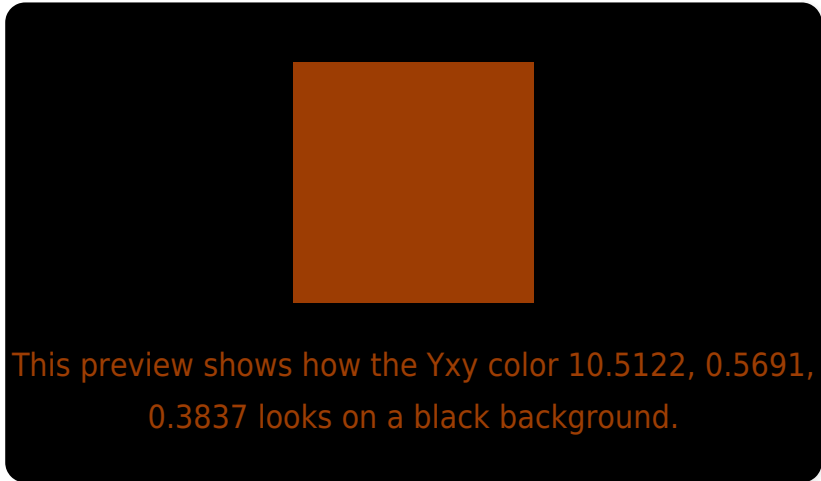
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.5122, 0.5691, 0.3837

Background



This preview shows how black text looks on a background with the Yxy color 10.5122, 0.5691, 0.3837.



This preview shows how white text looks on a background with the Yxy color 10.5122, 0.5691, 0.3837.

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

10.5122, 0.5691, 0.3837

Protanopia

10.6348, 0.4318, 0.4769

Deuteranopia

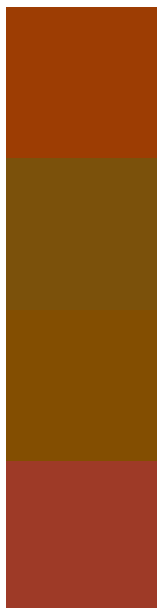
10.6925, 0.4672, 0.4672



Tritanopia

10.5216, 0.5064, 0.3253

Trichromacy



Original Color

10.5122, 0.5691, 0.3837

Protanomaly

10.1200, 0.4863, 0.4405

Deuteranomaly

10.2763, 0.5092, 0.4328

Tritanomaly

10.4417, 0.5414, 0.3538

Monochromacy



Original Color

10.5122, 0.5691, 0.3837

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 10.5122, 0.5691, 0.3837 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, 61, 3)` looks like.

```
.text, #text, p{  
    color:rgb(157, 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(157, 61, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 61, 3) }
```

Border

The CSS property to change the border of an element to Yxy 10.5122, 0.5691, 0.3837 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, 61, 3) }
```

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

```
.border{ border-color:rgb(157, 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(157, 61, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 61, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 61, 3);  
box-shadow:4px 4px 4px 4px rgb(157, 61, 3)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.5122, 0.5691, 0.3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 61, 3) }
```

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

```
.background{ background-color: rgb(157, 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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