

Converting Colors

$Y_{xy}(10.6049, 0.5897, 0.3884)$

Have a look what the booklet for
Yxy(10.6049, 0.5897, 0.3884)
contains.

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Color

Yxy(10.7050, 0.5772, 0.3799)

Conversions

Conversions Part 1

Format	Color
Hex	A13B00
RGB	161, 59, 0
RGB Percent	63%, 23%, 0%
CMY	0.3686, 0.7687, 1.0000
CMYK	0.00, 0.63, 1.00, 0.37
HSL	22°, 100%, 32%
HSV	22°, 100%, 63%
XYZ	16.2646, 10.7050, 1.2089
YIQ	82.7720, 79.7310, 3.2750

Conversions

Conversions Part 2

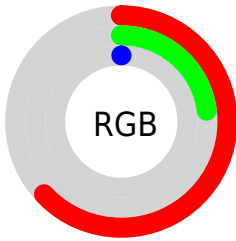
Format	Color
RYB	161, 93, 0
Decimal	10566400
CIELab	39.08, 40.18, 50.35
CIELCh	39, 64.415, 51.407
Yxy	10.7050, 0.5772, 0.3799
Android (android.graphics.Color)	4288756480 (0xFFA13B00)
YUV	82.7720, -40.8066, 68.6060
Hunter-Lab	32.7185, 31.4763, 20.7123

Details

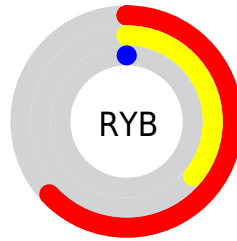
The Yxy color **10.7050, 0.5772, 0.3799** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.0823, 0.1905, 0.2057**, and the grayscale version is **8.6733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.1062, 0.5197, 0.3841**, and **2.7884, 0.6386, 0.3311** is the 20% darker color. If you saturate the color by 10%, you get **10.7056, 0.5772, 0.3799**, and if you desaturate by 10%, it is **11.8964, 0.5511, 0.3871**.

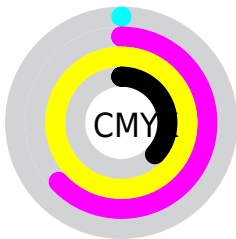
Distribution



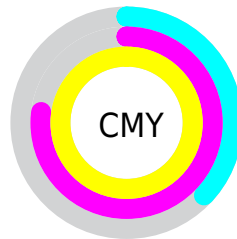
- Red (63%)
- Green (23%)
- Blue (0%)



- Red (63%)
- Yellow (36%)
- Blue (0%)



- Cyan (0%)
- Magenta (63%)
- Yellow (100%)
- Black (37%)





- Cyan (37%)
- Magenta (77%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7050, 0.5772, 0.3799 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 10.7050, 0.5772, 0.3799 by changing the saturation by 10% instead.


 10.7050, 0.5772,
0.3799

 10.7050, 0.5772,
0.3799


 195.6323, 0.4243,
0.3703

 5.8688, 0.6255,
0.3745

 27.1134, 0.5196,
0.3848


 2.7655, 0.6584,
0.3416


 39.4543, 0.4981,
0.3836

 1.0106, 0.7104,
0.2896

 55.0657, 0.4802,
0.3816

 0.0000, 1.0000,
0.0000


 74.3319, 0.4652,
0.3793


 0.0000, 0.0000,
0.0000


 97.6372, 0.4525,
0.3769


 125.3662, 0.4417,


0.3746


 157.9031, 0.4324,
0.3724


 10.7050, 0.5772,
0.3799

 10.7050, 0.5772,
0.3799


 10.7056, 0.5772,
0.3799

 11.8964, 0.5511,
0.3871

 13.3333, 0.5211,
0.3905

 15.0394, 0.4882,
0.3892

 17.0297, 0.4550,
0.3841

 19.3181, 0.4236,
0.3763

■ 21.9172, 0.3950,
0.3671

■ 24.8389, 0.3697,
0.3573

■ 28.0944, 0.3478,
0.3475

■ 31.6943, 0.3289,
0.3380

Harmonies

Analogous

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



10.7050, 0.5607, 0.3001



10.7050, 0.5772, 0.3799



10.7050, 0.5112, 0.4774

Triad

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



10.7050, 0.5772, 0.3799



10.7050, 0.1722, 0.4624



10.7050, 0.1805, 0.1431

Complementary

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



10.7050, 0.5772, 0.3799



12.0823, 0.1905, 0.2057

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.



10.7050, 0.1214, 0.1446



10.7050, 0.5772, 0.3799



10.7050, 0.1130, 0.2848

Square

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



10.7050, 0.5772, 0.3799



10.7050, 0.2777, 0.5974



10.7050, 0.1001, 0.1836



10.7050, 0.2903, 0.1715

Rectangle

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



10.7050, 0.5772, 0.3799



10.7050, 0.4394, 0.5455



10.7050, 0.1001, 0.1836



10.7050, 0.1558, 0.1401

Sweetspot

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



10.7056, 0.5772, 0.3799



44.1635, 0.3711, 0.3579



8.5919, 0.4325, 0.2156



9.2207, 0.3807, 0.3618



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



10.7056, 0.5772, 0.3799



18.8223, 0.5804, 0.3774



25.4319, 0.4482, 0.4824



7.4911, 0.3276, 0.3373



8.6205, 0.5757, 0.3811



0.2691, 0.5107, 0.4327

Inverse Universe

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



12.0823, 0.1905, 0.2057



21.2460, 0.1898, 0.2033



3.2334, 0.1538, 0.0735



7.5728, 0.2987, 0.3206



9.7270, 0.1908, 0.2068



0.2897, 0.2045, 0.2563

Previews

White Background



This preview shows how the Yxy color 10.7050, 0.5772, 0.3799 looks on a white background.

Color Contrast Check

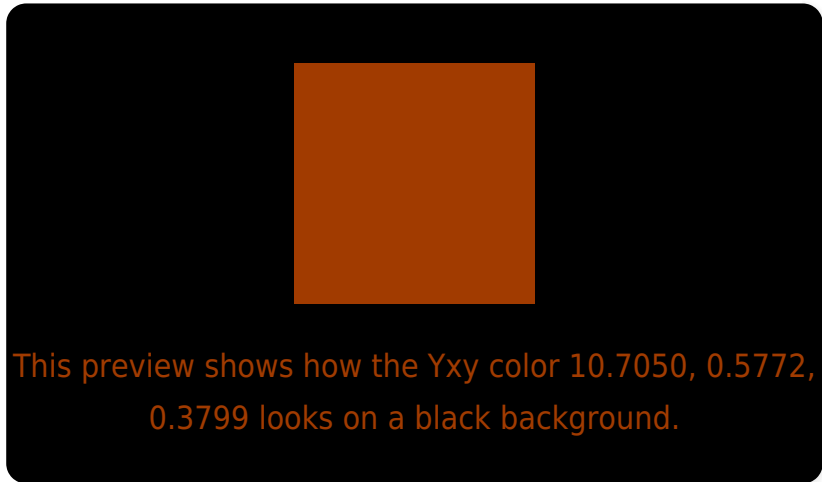
Large Text (above 18pt) WCAG AA ✓ Pass

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

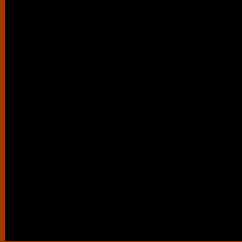
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.7050, 0.5772, 0.3799

Background



This preview shows how black text looks on a background with the Yxy color 10.7050, 0.5772, 0.3799.



This preview shows how white text looks on a background with the Yxy color 10.7050, 0.5772, 0.3799.

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

10.7050, 0.5772, 0.3799

Protanopia

10.8694, 0.4318, 0.4773

Deuteranopia

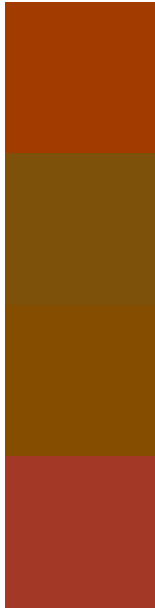
10.7614, 0.4688, 0.4660



Tritanopia

10.7192, 0.5173, 0.3256

Trichromacy



Original Color

10.7050, 0.5772, 0.3799

Protanomaly

10.2667, 0.4898, 0.4390

Deuteranomaly

10.2943, 0.5145, 0.4297

Tritanomaly

10.6433, 0.5509, 0.3522

Monochromacy



Original Color

10.7050, 0.5772, 0.3799

Achromatopsia

8.6500, 0.3127, 0.3290

Achromatomaly

8.5341, 0.4252, 0.3762

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7050, 0.5772, 0.3799 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(161, 59, 0)` looks like.

```
.text, #text, p{  
    color:rgb(161, 59, 0)  
}
```

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(161, 59, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 59, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.7050, 0.5772, 0.3799 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(161, 59, 0) }
```

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

```
.border{ border-color:rgb(161, 59, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 59, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 59, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 59, 0);  
box-shadow:4px 4px 4px 4px rgb(161, 59, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.7050, 0.5772, 0.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 59, 0) }
```

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

```
.background{ background-color: rgb(161, 59,  
0) }
```

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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