

Converting Colors

$Y_{xy}(10.7091, 0.5577, 0.3953)$

Have a look what the booklet for
Yxy(10.7091, 0.5577, 0.3953)
contains.

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Color

Yxy(10.6687, 0.5583, 0.3949)

Conversions

Conversions Part 1

Format	Color
Hex	994200
RGB	153, 66, 0
RGB Percent	60%, 26%, 0%
CMY	0.4001, 0.7411, 1.0000
CMYK	0.00, 0.57, 1.00, 0.40
HSL	26°, 100%, 30%
HSV	26°, 100%, 60%
XYZ	15.0831, 10.6687, 1.2644
YIQ	84.4890, 73.0380, -2.0820

Conversions

Conversions Part 2

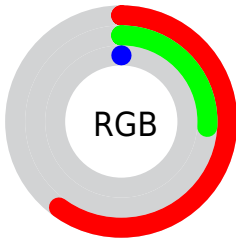
Format	Color
R_{YB}	153, 116, 0
Decimal	10043904
CIE _{Lab}	39.02, 33.56, 49.57
CIE _{LCh}	39, 59.858, 55.901
Yxy	10.6687, 0.5583, 0.3949
Android (android.graphics.Color)	4288233984 (0xFF994200)
YUV	84.4890, -41.6531, 60.0841
Hunter-Lab	32.6630, 25.2677, 20.5690

Details

The Yxy color **10.6687, 0.5583, 0.3949** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **9.1116, 0.1843, 0.1834**, and the grayscale version is **9.0503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.0533, 0.5051, 0.3945**, and **2.7503, 0.6132, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **10.6690, 0.5583, 0.3949**, and if you desaturate by 10%, it is **11.7997, 0.5341, 0.4009**.

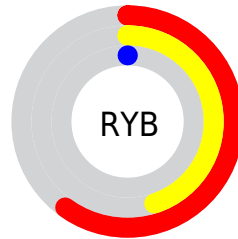
Distribution



Red (60%)

Green (26%)

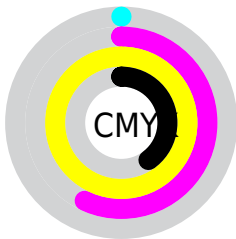
Blue (0%)



Red (60%)

Yellow (45%)

Blue (0%)

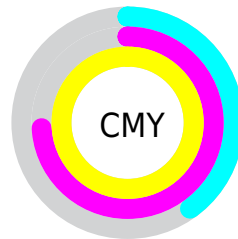


Cyan (0%)

Magenta (57%)

Yellow (100%)

Black (40%)



Cyan (40%)


Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6687, 0.5583, 0.3949 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 10.6687, 0.5583, 0.3949 by changing the saturation by 10% instead.


 10.6687, 0.5583,
0.3949

 10.6687, 0.5583,
0.3949


 195.3803, 0.4160,
0.3741


 5.8445, 0.6040,
0.3938

 27.0459, 0.5045,
0.3947


 2.7508, 0.6345,
0.3655

 39.3677, 0.4844,
0.3919


 1.0030, 0.6818,
0.3182

 54.9575, 0.4678,
0.3886

 0.0000, 1.0000,
0.0000

 74.1997, 0.4539,
0.3854

 0.0000, 0.0000,
0.0000


 97.4787, 0.4422,
0.3822


 125.1788, 0.4321,


0.3793


 157.6846, 0.4235,
0.3766

 10.6687, 0.5583,
0.3949

 10.6687, 0.5583,
0.3949

 10.6690, 0.5583,
0.3949

 11.7997, 0.5341,
0.4009

 13.1174, 0.5070,
0.4030

 14.6404, 0.4773,
0.4002

 16.3796, 0.4473,
0.3936

 18.3445, 0.4185,
0.3843

■ 20.5440, 0.3919,
0.3735

■ 22.9866, 0.3680,
0.3620

■ 25.6800, 0.3470,
0.3506

■ 28.6318, 0.3286,
0.3395

Harmonies

Analogous

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



10.6687, 0.5540, 0.3155



10.6687, 0.5583, 0.3949



10.6687, 0.4886, 0.4872

Triad

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



10.6687, 0.5583, 0.3949



10.6687, 0.1697, 0.4262



10.6687, 0.2003, 0.1540

Complementary

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



10.6687, 0.5583, 0.3949



9.1116, 0.1843, 0.1834

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.



10.6687, 0.1361, 0.1513



10.6687, 0.5583, 0.3949



10.6687, 0.1187, 0.2703

Square

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



10.6687, 0.5583, 0.3949



10.6687, 0.2666, 0.5668



10.6687, 0.1105, 0.1837



10.6687, 0.3121, 0.1858

Rectangle

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



10.6687, 0.5583, 0.3949



10.6687, 0.4189, 0.5464



10.6687, 0.1105, 0.1837



10.6687, 0.1739, 0.1497

Sweetspot

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



10.6693, 0.5583, 0.3949



40.9015, 0.3694, 0.3627



7.4964, 0.4584, 0.2299



8.6502, 0.3783, 0.3671



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.



10.6693, 0.5583, 0.3949



18.7563, 0.5615, 0.3924



25.5965, 0.4345, 0.4932



6.6392, 0.3273, 0.3386



8.8835, 0.5571, 0.3959



0.2031, 0.4905, 0.4487

Inverse Universe

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



9.1116, 0.1843, 0.1834



15.9456, 0.1835, 0.1805



2.5810, 0.1518, 0.0665



6.5798, 0.2989, 0.3192



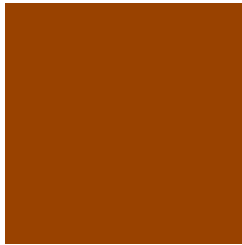
7.5989, 0.1846, 0.1846



0.1858, 0.2035, 0.2525

Previews

White Background



This preview shows how the Yxy color 10.6687, 0.5583, 0.3949 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 10.6687, 0.5583, 0.3949

Background



This preview shows how black text looks on a background with the Yxy color 10.6687, 0.5583, 0.3949.



This preview shows how white text looks on a background with the Yxy color 10.6687, 0.5583, 0.3949.

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

10.6687, 0.5583, 0.3949

Protanopia

10.8664, 0.4324, 0.4782

Deuteranopia

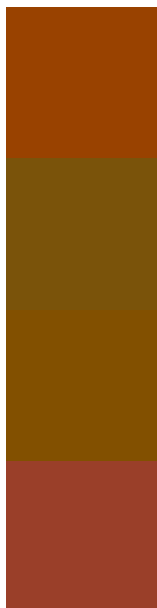
10.7614, 0.4688, 0.4660



Tritanopia

10.6877, 0.4885, 0.3235

Trichromacy



Original Color

10.6687, 0.5583, 0.3949

Protanomaly

10.3460, 0.4813, 0.4457

Deuteranomaly

10.4831, 0.5043, 0.4378

Tritanomaly

10.5851, 0.5271, 0.3599

Monochromacy



Original Color

10.6687, 0.5583, 0.3949

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

8.8160, 0.4178, 0.3836

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6687, 0.5583, 0.3949 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 66, 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(153, 66, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 66, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.6687, 0.5583, 0.3949 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, 0) }
```

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

```
.border{ border-color:rgb(153, 66, 0) }
```

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, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 66, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 66, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 66, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.6687, 0.5583, 0.3949 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, 0) }
```

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

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