

Converting Colors

$Y_{xy}(10.9810, 0.6056, 0.3573)$

Have a look what the booklet for
Yxy(10.9810, 0.6056, 0.3573)
contains.

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Color

Yxy(10.9907, 0.6055, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	AF2D00
RGB	175, 45, 0
RGB Percent	69%, 18%, 0%
CMY	0.3137, 0.8236, 0.9999
CMYK	0.00, 0.74, 1.00, 0.31
HSL	15°, 100%, 34%
HSV	15°, 100%, 69%
XYZ	18.6202, 10.9907, 1.1409
YIQ	78.7400, 91.9250, 13.5650

Conversions

Conversions Part 2

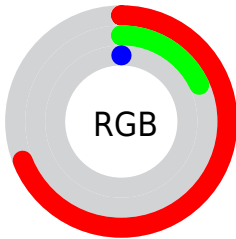
Format	Color
R_{YB}	175, 61, 0
Decimal	11480320
CIE Lab	39.56, 50.89, 52.04
CIE LCh	40, 72.784, 45.639
Yxy	10.9907, 0.6055, 0.3574
Android (android.graphics.Color)	4289670400 (0xFFAF2D00)
YUV	78.7400, -38.8188, 84.4200
Hunter-Lab	33.1522, 42.2396, 21.1662

Details

The Yxy color **10.9907, 0.6055, 0.3574** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **19.0774, 0.2011, 0.2439**, and the grayscale version is **7.8287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5485, 0.5426, 0.3695**, and **3.5107, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.9895, 0.6055, 0.3574**, and if you desaturate by 10%, it is **12.1830, 0.5784, 0.3651**.

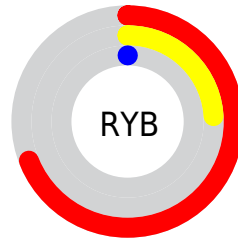
Distribution



Red (69%)

Green (18%)

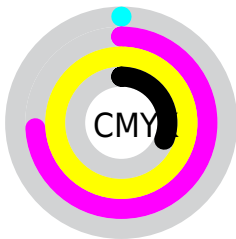
Blue (0%)



Red (69%)

Yellow (24%)

Blue (0%)

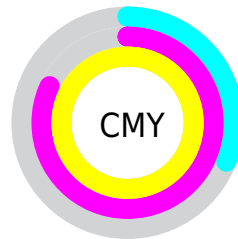


Cyan (0%)

Magenta (74%)

Yellow (100%)

Black (31%)



Cyan (31%)


Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9907, 0.6055, 0.3574 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 10.9907, 0.6055, 0.3574 by changing the saturation by 10% instead.


 10.9907, 0.6055,
0.3574


 10.9907, 0.6055,
0.3574


 197.6037, 0.4378,
0.3645


 6.0606, 0.6548,
0.3452

 27.6430, 0.5431,
0.3697

 2.8820, 0.6919,
0.3081

 40.1339, 0.5196,
0.3709

 1.0704, 0.7481,
0.2519

 55.9139, 0.4999,
0.3708

 0.0000, 1.0000,
0.0000

 75.3674, 0.4833,
0.3700


 0.0000, 0.0000,
0.0000


 98.8787, 0.4693,
0.3688


 126.8323, 0.4573,


0.3674

 159.6125, 0.4469,
0.3660

 10.9907, 0.6055,
0.3574


 10.9907, 0.6055,
0.3574


 10.9895, 0.6055,
0.3574

 12.1830, 0.5784,
0.3651

 13.7432, 0.5446,
0.3698

 15.7093, 0.5066,
0.3704

 18.1089, 0.4683,
0.3677

 20.9670, 0.4323,
0.3626

■ 24.3066, 0.4003,
0.3561

■ 28.1489, 0.3725,
0.3491

■ 32.5140, 0.3490,
0.3421

■ 37.4209, 0.3292,
0.3353

Harmonies

Analogous

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



10.9907, 0.5702, 0.2777



10.9907, 0.6055, 0.3574



10.9907, 0.5417, 0.4583

Triad

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



10.9907, 0.6055, 0.3574



10.9907, 0.1743, 0.5219



10.9907, 0.1532, 0.1273

Complementary

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



10.9907, 0.6055, 0.3574



19.0774, 0.2011, 0.2439

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.



10.9907, 0.1009, 0.1343



10.9907, 0.6055, 0.3574



10.9907, 0.1038, 0.3086

Square

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



10.9907, 0.6055, 0.3574



10.9907, 0.2907, 0.6378



10.9907, 0.0849, 0.1830



10.9907, 0.2588, 0.1510

Rectangle

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



10.9907, 0.6055, 0.3574



10.9907, 0.4646, 0.5354



10.9907, 0.0849, 0.1830



10.9907, 0.1308, 0.1260

Sweetspot

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



10.9914, 0.6055, 0.3574



50.0118, 0.3739, 0.3495



10.7623, 0.3959, 0.1955



10.4636, 0.3849, 0.3524



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



10.9914, 0.6055, 0.3574



19.3796, 0.6083, 0.3552



25.4206, 0.4714, 0.4639



8.3374, 0.3280, 0.3349



7.9550, 0.6035, 0.3590



0.3096, 0.5451, 0.4054

Inverse Universe

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



19.0774, 0.2011, 0.2439



33.7876, 0.2006, 0.2423



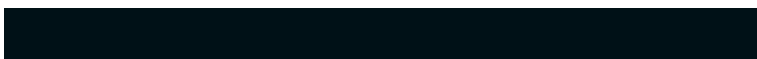
4.8808, 0.1582, 0.0894



8.7185, 0.2986, 0.3230



13.7606, 0.2014, 0.2449



0.4642, 0.2093, 0.2733

Previews

White Background



This preview shows how the Yxy color 10.9907, 0.6055, 0.3574 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

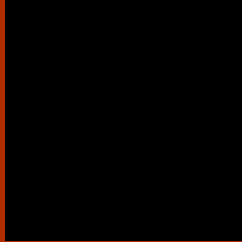
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9907, 0.6055, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 10.9907, 0.6055, 0.3574.



This preview shows how white text looks on a background with the Yxy color 10.9907, 0.6055, 0.3574.

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

10.9907, 0.6055, 0.3574

Protanopia

11.2991, 0.4276, 0.4754

Deuteranopia

11.2343, 0.4679, 0.4667



Tritanopia

11.0605, 0.5698, 0.3288

Trichromacy



Original Color

10.9907, 0.6055, 0.3574

Protanomaly

10.1621, 0.5046, 0.4242

Deuteranomaly

10.3865, 0.5281, 0.4189

Tritanomaly

11.0370, 0.5895, 0.3431

Monochromacy



Original Color

10.9907, 0.6055, 0.3574

Achromatopsia

7.8187, 0.3127, 0.3290

Achromatomaly

7.8220, 0.4456, 0.3660

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9907, 0.6055, 0.3574 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(175, 45, 0)` looks like.

```
.text, #text, p{  
    color:rgb(175, 45, 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(175, 45, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 45, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.9907, 0.6055, 0.3574 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(175, 45, 0) }
```

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

```
.border{ border-color:rgb(175, 45, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 45, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 45, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 45, 0);  
box-shadow:4px 4px 4px 4px rgb(175, 45, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.9907, 0.6055, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 45, 0) }
```

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

```
.background{ background-color: rgb(175, 45,  
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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