

Converting Colors

$Y_{xy}(11.4121, 0.5039, 0.4381)$

Have a look what the booklet for
Yxy(11.4121, 0.5039, 0.4381)
contains.

Yxy(11.3374, 0.5048, 0.4374)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.3374, 0.5048, 0.4374)

Conversions

Conversions Part 1

Format	Color
Hex	875300
RGB	135, 83, 0
RGB Percent	53%, 33%, 0%
CMY	0.4706, 0.6745, 1.0000
CMYK	0.00, 0.39, 1.00, 0.47
HSL	37°, 100%, 26%
HSV	37°, 100%, 53%
XYZ	13.0844, 11.3374, 1.4982
YIQ	89.0860, 57.6350, -14.7890

Conversions

Conversions Part 2

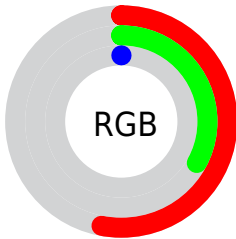
Format	Color
RYB	85, 135, 0
Decimal	8868608
CIELab	40.14, 16.18, 48.87
CIELCh	40, 51.480, 71.687
Yxy	11.3374, 0.5048, 0.4374
Android (android.graphics.Color)	4287058688 (0xFF875300)
YUV	89.0860, -43.9194, 40.2666
Hunter-Lab	33.6711, 10.4399, 20.9317

Details

The Yxy color **11.3374, 0.5048, 0.4374** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.2042, 0.1685, 0.1265**, and the grayscale version is **10.1002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3980, 0.4636, 0.4234**, and **3.0485, 0.5331, 0.4149** is the 20% darker color. If you saturate the color by 10%, you get **11.3380, 0.5048, 0.4374**, and if you desaturate by 10%, it is **12.1941, 0.4882, 0.4386**.

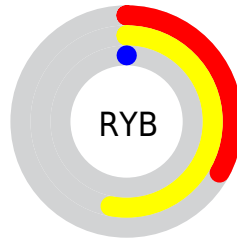
Distribution



Red (53%)

Green (33%)

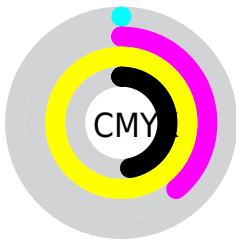
Blue (0%)



Red (33%)

Yellow (53%)

Blue (0%)

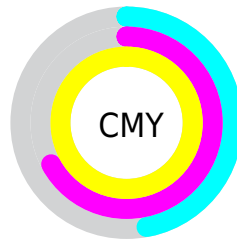


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3374, 0.5048, 0.4374 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 11.3374, 0.5048, 0.4374 by changing the saturation by 10% instead.


 11.3374, 0.5048,
0.4374


 11.3374, 0.5048,
0.4374


 199.9679, 0.3951,
0.3852


 6.2943, 0.5374,
0.4472


 28.2824, 0.4638,
0.4224


 3.0248, 0.5611,
0.4389

 40.9531, 0.4484,
0.4151


 1.1447, 0.5870,
0.4130

 56.9350, 0.4355,
0.4085

 0.0158, 0.9628,
0.0372


 76.6126, 0.4247,
0.4026

 0.0000, 0.0000,
0.0000

 100.3703, 0.4156,
0.3975


 128.5925, 0.4078,


0.3929


 161.6636, 0.4010,
0.3888


 11.3374, 0.5048,
0.4374

 11.3374, 0.5048,
0.4374

 11.3380, 0.5048,
0.4374

 12.1941, 0.4882,
0.4386

 13.1295, 0.4698,
0.4363

 14.1558, 0.4491,
0.4294

 15.2777, 0.4273,
0.4188

 16.4993, 0.4052,
0.4055

■ 17.8244, 0.3838,
0.3905

■ 19.2565, 0.3636,
0.3748

■ 20.7988, 0.3449,
0.3591

■ 22.4545, 0.3280,
0.3437

Harmonies

Analogous

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



11.3374, 0.5334, 0.3606



11.3374, 0.5048, 0.4374



11.3374, 0.4265, 0.5121

Triad

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



11.3374, 0.5048, 0.4374



11.3374, 0.1598, 0.3388



11.3374, 0.2626, 0.1858

Complementary

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



11.3374, 0.5048, 0.4374



4.2042, 0.1685, 0.1265

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.



11.3374, 0.1826, 0.1692



11.3374, 0.5048, 0.4374



11.3374, 0.1326, 0.2344

Square

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



11.3374, 0.5048, 0.4374



11.3374, 0.2287, 0.4734



11.3374, 0.1409, 0.1824



11.3374, 0.3767, 0.2282

Rectangle

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



11.3374, 0.5048, 0.4374



11.3374, 0.3611, 0.5421



11.3374, 0.1409, 0.1824



11.3374, 0.2314, 0.1772

Sweetspot

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



11.3380, 0.5048, 0.4374



34.3086, 0.3649, 0.3759



5.4169, 0.5316, 0.2702



7.7233, 0.3722, 0.3817



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



11.3380, 0.5048, 0.4374



19.9891, 0.5071, 0.4355



21.4277, 0.4023, 0.5188



5.1297, 0.3265, 0.3423



10.4820, 0.5044, 0.4377



0.0505, 0.4591, 0.4737

Inverse Universe

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



4.2042, 0.1685, 0.1265



7.2381, 0.1674, 0.1226



1.8386, 0.1545, 0.0625



4.8169, 0.2992, 0.3153



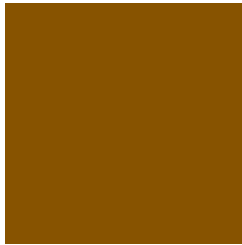
3.9015, 0.1687, 0.1271



0.0269, 0.1914, 0.2091

Previews

White Background



This preview shows how the Yxy color 11.3374, 0.5048, 0.4374 looks on a white background.

Color Contrast Check

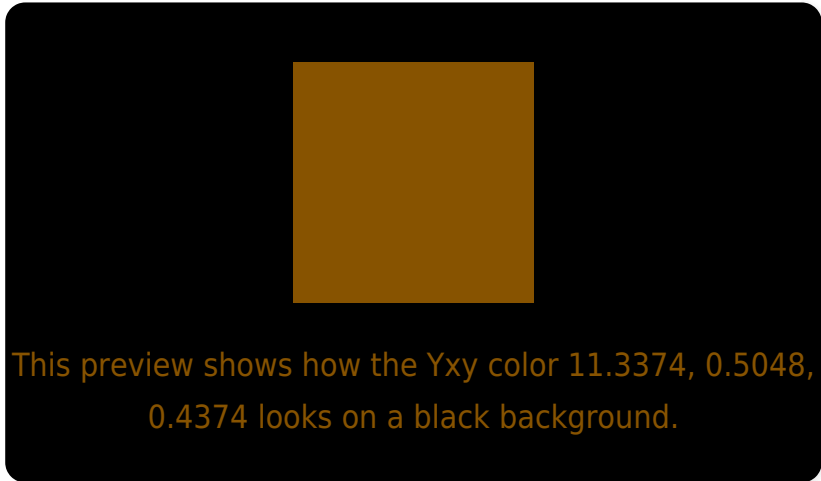
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3374, 0.5048, 0.4374

Background



This preview shows how black text looks on a background with the Yxy color 11.3374, 0.5048, 0.4374.



This preview shows how white text looks on a background with the Yxy color 11.3374, 0.5048, 0.4374.

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

11.3374, 0.5048, 0.4374

Protanopia

11.3321, 0.4349, 0.4827

Deuteranopia

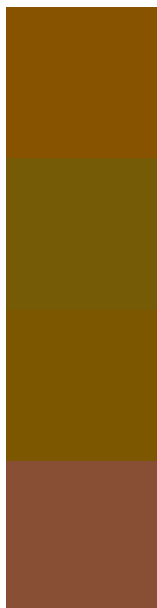
11.3054, 0.4694, 0.4655



Tritanopia

11.3356, 0.4125, 0.3182

Trichromacy



Original Color

11.3374, 0.5048, 0.4374

Protanomaly

11.2772, 0.4600, 0.4670

Deuteranomaly

11.1764, 0.4829, 0.4548

Tritanomaly

11.1674, 0.4628, 0.3757

Monochromacy



Original Color

11.3374, 0.5048, 0.4374

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.1760, 0.3946, 0.3980

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3374, 0.5048, 0.4374 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(135, 83, 0)` looks like.

```
.text, #text, p{  
    color:rgb(135, 83, 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(135, 83, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 83, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.3374, 0.5048, 0.4374 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(135, 83, 0) }
```

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

```
.border{ border-color:rgb(135, 83, 0) }
```

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

Here you see how a box with a 4 pixel rgb(135, 83, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 83, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 83, 0);  
box-shadow:4px 4px 4px 4px rgb(135, 83, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.3374, 0.5048, 0.4374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 83, 0) }
```

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

```
.background{ background-color: rgb(135, 83,  
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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