

Converting Colors

$Y_{xy}(14.4662, 0.5317, 0.4674)$

Have a look what the booklet for
Yxy(14.4662, 0.5317, 0.4674)
contains.

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Color

Yxy(14.5847, 0.5037, 0.4382)

Conversions

Conversions Part 1

Format	Color
Hex	975E00
RGB	151, 94, 0
RGB Percent	59%, 37%, 0%
CMY	0.4079, 0.6313, 0.9997
CMYK	0.00, 0.38, 1.00, 0.41
HSL	37°, 100%, 30%
HSV	37°, 100%, 59%
XYZ	16.7647, 14.5847, 1.9338
YIQ	100.3270, 64.1460, -17.1500

Conversions

Conversions Part 2

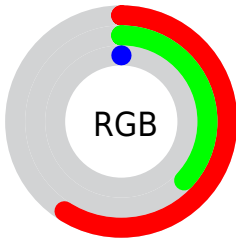
Format	Color
R_{YB}	92, 151, 0
Decimal	9920000
CIE Lab	45.06, 17.22, 53.10
CIE LCh	45, 55.817, 72.033
Yxy	14.5847, 0.5037, 0.4382
Android (android.graphics.Color)	4288110080 (0xFF975E00)
YUV	100.3270, -49.4612, 44.4402
Hunter-Lab	38.1899, 11.5262, 23.7308

Details

The Yxy color **14.5847, 0.5037, 0.4382** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.1678, 0.1674, 0.1227**, and the grayscale version is **12.9516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9744, 0.4659, 0.4236**, and **4.4936, 0.5285, 0.4186** is the 20% darker color. If you saturate the color by 10%, you get **14.5798, 0.5038, 0.4382**, and if you desaturate by 10%, it is **15.6722, 0.4879, 0.4400**.

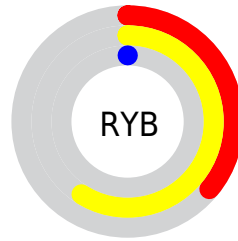
Distribution



Red (59%)

Green (37%)

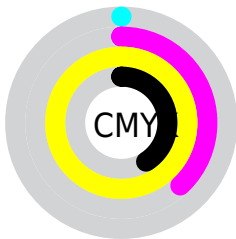
Blue (0%)



Red (36%)

Yellow (59%)

Blue (0%)

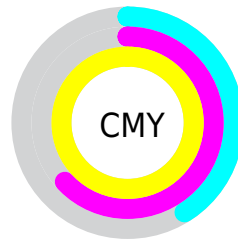


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (41%)



Cyan (41%)

Magenta (63%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5847, 0.5037, 0.4382 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 14.5847, 0.5037, 0.4382 by changing the saturation by 10% instead.


 14.5847, 0.5037,
0.4382


 14.5847, 0.5037,
0.4382


 220.8386, 0.3988,
0.3880


 8.5284, 0.5291,
0.4441


 34.1230, 0.4657,
0.4242

 4.4349, 0.5567,
0.4433

 48.3737, 0.4511,
0.4172

 1.9197, 0.5774,
0.4226

 66.1248, 0.4387,
0.4109

 0.5602, 0.6309,
0.3691


 87.7606, 0.4282,
0.4052

 0.0000, 0.0000,
0.0000

 113.6655, 0.4192,
0.4002

 144.2238, 0.4115,


0.3956

 179.8201, 0.4047,
0.3916


 14.5847, 0.5037,
0.4382


 14.5847, 0.5037,
0.4382

 14.5798, 0.5038,
0.4382

 15.6722, 0.4879,
0.4400

 16.8608, 0.4699,
0.4379

 18.1645, 0.4495,
0.4311

 19.5893, 0.4277,
0.4205

 21.1407, 0.4057,
0.4070

■ 22.8236, 0.3842,
0.3918

■ 24.6426, 0.3639,
0.3758

■ 26.6018, 0.3451,
0.3596

■ 28.7053, 0.3280,
0.3439

Harmonies

Analogous

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



14.5847, 0.5329, 0.3615



14.5847, 0.5037, 0.4382



14.5847, 0.4253, 0.5125

Triad

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



14.5847, 0.5037, 0.4382



14.5847, 0.1596, 0.3373



14.5847, 0.2639, 0.1864

Complementary

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



14.5847, 0.5037, 0.4382



5.1678, 0.1674, 0.1227

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.



14.5847, 0.1836, 0.1696



14.5847, 0.5037, 0.4382



14.5847, 0.1329, 0.2338

Square

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



14.5847, 0.5037, 0.4382



14.5847, 0.2280, 0.4715



14.5847, 0.1415, 0.1824



14.5847, 0.3779, 0.2291

Rectangle

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



14.5847, 0.5037, 0.4382



14.5847, 0.3599, 0.5417



14.5847, 0.1415, 0.1824



14.5847, 0.2327, 0.1778

Sweetspot

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



14.5855, 0.5037, 0.4382



43.9149, 0.3652, 0.3768



6.8853, 0.5405, 0.2752



9.6887, 0.3729, 0.3831



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.



14.5855, 0.5037, 0.4382



25.7520, 0.5059, 0.4365



27.1495, 0.3993, 0.5211



6.8307, 0.3269, 0.3428



12.4604, 0.5031, 0.4387



0.2559, 0.4595, 0.4734

Inverse Universe

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



5.1678, 0.1674, 0.1227



8.9185, 0.1664, 0.1191



2.3616, 0.1550, 0.0628



6.3895, 0.2988, 0.3148



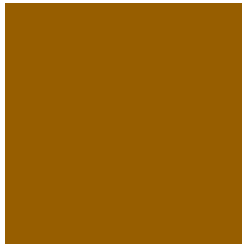
4.4435, 0.1677, 0.1237



0.1329, 0.1903, 0.2052

Previews

White Background



This preview shows how the Yxy color 14.5847, 0.5037, 0.4382 looks on a white background.

Color Contrast Check

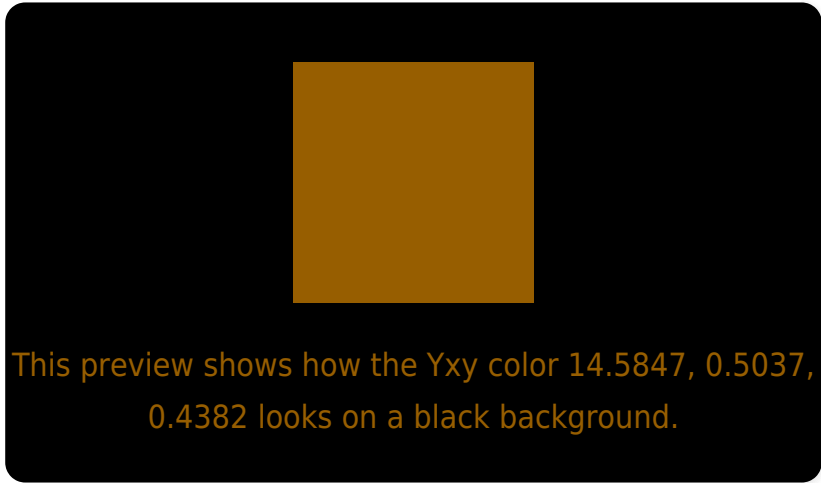
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5847, 0.5037, 0.4382

Background



This preview shows how black text looks on a background with the Yxy color 14.5847, 0.5037, 0.4382.



This preview shows how white text looks on a background with the Yxy color 14.5847, 0.5037, 0.4382.

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

14.5847, 0.5037, 0.4382

Protanopia

14.8142, 0.4349, 0.4842

Deuteranopia

14.7370, 0.4702, 0.4649



Tritanopia

14.5931, 0.4123, 0.3176

Trichromacy



Original Color

14.5847, 0.5037, 0.4382

Protanomaly

14.6214, 0.4604, 0.4673

Deuteranomaly

14.5864, 0.4822, 0.4553

Tritanomaly

14.5086, 0.4630, 0.3774

Monochromacy



Original Color

14.5847, 0.5037, 0.4382

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

13.0275, 0.3956, 0.3995

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5847, 0.5037, 0.4382 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(151, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(151, 94, 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(151, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 94, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.5847, 0.5037, 0.4382 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(151, 94, 0) }
```

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

```
.border{ border-color:rgb(151, 94, 0) }
```

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

Here you see how a box with a 4 pixel rgb(151, 94, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 94, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 94, 0);  
box-shadow:4px 4px 4px 4px rgb(151, 94, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.5847, 0.5037, 0.4382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 94, 0) }
```

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

```
.background{ background-color: rgb(151, 94,  
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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