

Converting Colors

$Y_{xy}(15.0746, 0.5031, 0.4387)$

Have a look what the booklet for
Yxy(15.0746, 0.5031, 0.4387)
contains.

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Color

$Y_{xy}(15.1380, 0.5025, 0.4392)$

Conversions

Conversions Part 1

Format	Color
Hex	996000
RGB	153, 96, 0
RGB Percent	60%, 38%, 0%
CMY	0.4000, 0.6235, 0.9999
CMYK	0.00, 0.37, 1.00, 0.40
HSL	38°, 100%, 30%
HSV	38°, 100%, 60%
XYZ	17.3198, 15.1380, 2.0094
YIQ	102.0990, 64.7880, -17.7720

Conversions

Conversions Part 2

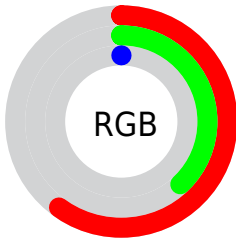
Format	Color
R _Y B	91, 153, 0
Decimal	10051584
CIE Lab	45.82, 16.99, 53.74
CIE LCh	46, 56.360, 72.453
Yxy	15.1380, 0.5025, 0.4392
Android (android.graphics.Color)	4288241664 (0xFF996000)
YUV	102.0990, -50.3348, 44.6402
Hunter-Lab	38.9076, 11.3713, 24.1732

Details

The Yxy color **15.1380, 0.5025, 0.4392** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.2275, 0.1670, 0.1210**, and the grayscale version is **13.4369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1907, 0.4647, 0.4259**, and **4.7680, 0.5260, 0.4205** is the 20% darker color. If you saturate the color by 10%, you get **15.1375, 0.5025, 0.4392**, and if you desaturate by 10%, it is **16.2524, 0.4870, 0.4410**.

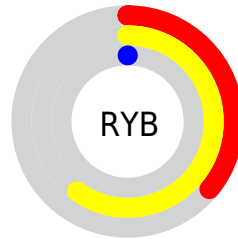
Distribution



Red (60%)

Green (38%)

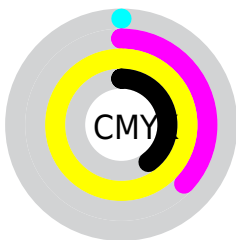
Blue (0%)



Red (36%)

Yellow (60%)

Blue (0%)

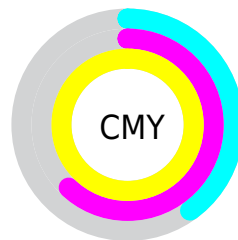


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (40%)



Cyan (40%)


Magenta (62%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1380, 0.5025, 0.4392 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 15.1380, 0.5025, 0.4392 by changing the saturation by 10% instead.


 15.1380, 0.5025,
0.4392


 15.1380, 0.5025,
0.4392


 224.2000, 0.3989,
0.3887


 8.9163, 0.5270,
0.4450


 35.0951, 0.4652,
0.4250


 4.6866, 0.5546,
0.4454

 49.5993, 0.4507,
0.4181


 2.0646, 0.5743,
0.4257

 67.6331, 0.4385,
0.4117

 0.6446, 0.6177,
0.3823


 89.5808, 0.4281,
0.4060


 0.0000, 0.0000,
0.0000


 115.8270, 0.4192,
0.4009


 146.7560, 0.4115,


0.3963


 182.7522, 0.4048,
0.3923

 15.1380, 0.5025,
0.4392


 15.1380, 0.5025,
0.4392

 15.1375, 0.5025,
0.4392

 16.2524, 0.4870,
0.4410

 17.4691, 0.4693,
0.4389

 18.8025, 0.4491,
0.4320

 20.2588, 0.4275,
0.4213

 21.8435, 0.4056,
0.4077

■ 23.5617, 0.3842,
0.3924

■ 25.4180, 0.3639,
0.3762

■ 27.4166, 0.3452,
0.3600

■ 29.5617, 0.3281,
0.3441

Harmonies

Analogous

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



15.1380, 0.5324, 0.3626



15.1380, 0.5025, 0.4392



15.1380, 0.4238, 0.5130

Triad

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



15.1380, 0.5025, 0.4392



15.1380, 0.1593, 0.3355



15.1380, 0.2655, 0.1871

Complementary

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



15.1380, 0.5025, 0.4392



5.2275, 0.1670, 0.1210

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.



15.1380, 0.1847, 0.1700



15.1380, 0.5025, 0.4392



15.1380, 0.1331, 0.2330

Square

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



15.1380, 0.5025, 0.4392



15.1380, 0.2270, 0.4694



15.1380, 0.1422, 0.1823



15.1380, 0.3795, 0.2301

Rectangle

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



15.1380, 0.5025, 0.4392



15.1380, 0.3585, 0.5414



15.1380, 0.1422, 0.1823



15.1380, 0.2341, 0.1784

Sweetspot

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



15.1388, 0.5025, 0.4392



45.3130, 0.3651, 0.3772



7.0849, 0.5409, 0.2754



9.7176, 0.3728, 0.3835



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.



15.1388, 0.5025, 0.4392



26.7444, 0.5045, 0.4376



27.9458, 0.3992, 0.5212



6.8358, 0.3269, 0.3429



12.5763, 0.5017, 0.4398



0.2573, 0.4588, 0.4739

Inverse Universe

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



5.2275, 0.1670, 0.1210



9.0302, 0.1660, 0.1175



2.4276, 0.1549, 0.0627



6.3846, 0.2988, 0.3147



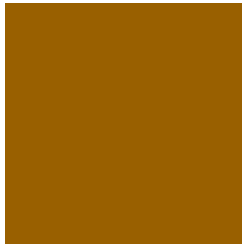
4.3794, 0.1673, 0.1223



0.1315, 0.1900, 0.2038

Previews

White Background



This preview shows how the Yxy color 15.1380, 0.5025, 0.4392 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



This preview shows how the Yxy color 15.1380, 0.5025, 0.4392 looks on a 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 15.1380, 0.5025, 0.4392

Background



This preview shows how black text looks on a background with the Yxy color 15.1380, 0.5025, 0.4392.



This preview shows how white text looks on a background with the Yxy color 15.1380, 0.5025, 0.4392.

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

15.1380, 0.5025, 0.4392

Protanopia

15.1724, 0.4363, 0.4833

Deuteranopia

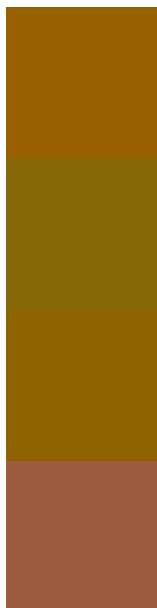
15.1038, 0.4711, 0.4641



Tritanopia

15.1574, 0.4106, 0.3177

Trichromacy



Original Color

15.1380, 0.5025, 0.4392

Protanomaly

14.9843, 0.4614, 0.4666

Deuteranomaly

14.9540, 0.4830, 0.4547

Tritanomaly

15.0591, 0.4619, 0.3784

Monochromacy



Original Color

15.1380, 0.5025, 0.4392

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.5609, 0.3955, 0.4004

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1380, 0.5025, 0.4392 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, 96, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 96, 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, 96, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 96, 0) }
```

Border

The CSS property to change the border of an element to Yxy 15.1380, 0.5025, 0.4392 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, 96, 0) }
```

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

```
.border{ border-color:rgb(153, 96, 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, 96, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 96, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 96, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 96, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.1380, 0.5025, 0.4392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 96, 0) }
```

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

```
.background{ background-color: rgb(153, 96,  
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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