

Converting Colors

$Y_{xy}(13.5085, 0.5153, 0.4290)$

Have a look what the booklet for
Yxy(13.5085, 0.5153, 0.4290)
contains.

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Color

Yxy(13.5588, 0.5148, 0.4295)

Conversions

Conversions Part 1

Format	Color
Hex	975800
RGB	151, 88, 0
RGB Percent	59%, 35%, 0%
CMY	0.4079, 0.6549, 1.0000
CMYK	0.00, 0.42, 1.00, 0.41
HSL	35°, 100%, 30%
HSV	35°, 100%, 59%
XYZ	16.2516, 13.5588, 1.7584
YIQ	96.8050, 65.7960, -14.0120

Conversions

Conversions Part 2

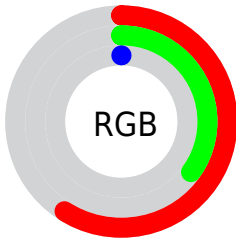
Format	Color
R_{YB}	108, 151, 0
Decimal	9918464
CIE _{Lab}	43.59, 20.65, 52.19
CIE _{LCh}	44, 56.130, 68.416
Yxy	13.5588, 0.5148, 0.4295
Android (android.graphics.Color)	4288108544 (0xFF975800)
YUV	96.8050, -47.7249, 47.5290
Hunter-Lab	36.8223, 14.3425, 22.9443

Details

The Yxy color **13.5588, 0.5148, 0.4295** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.7882, 0.1706, 0.1341**, and the grayscale version is **12.0117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.1841, 0.4737, 0.4185**, and **4.0356, 0.5460, 0.4047** is the 20% darker color. If you saturate the color by 10%, you get **13.5597, 0.5148, 0.4295**, and if you desaturate by 10%, it is **14.6738, 0.4972, 0.4322**.

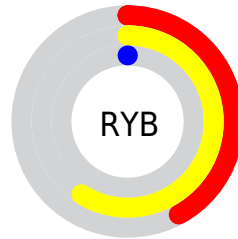
Distribution



Red (59%)

Green (35%)

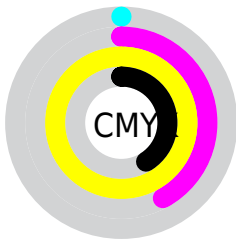
Blue (0%)



Red (42%)

Yellow (59%)

Blue (0%)

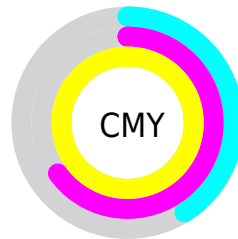


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (41%)



Cyan (41%)


Magenta (65%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 13.5588, 0.5148, 0.4295 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 13.5588, 0.5148, 0.4295 by changing the saturation by 10% instead.


 13.5588, 0.5148,
0.4295


 13.5588, 0.5148,
0.4295


 214.4686, 0.4022,
0.3850


 7.8145, 0.5439,
0.4339


 32.3041, 0.4736,
0.4181


 3.9764, 0.5724,
0.4276

 46.0739, 0.4578,
0.4120


 1.6604, 0.5985,
0.4015

 63.2875, 0.4446,
0.4063

 0.3978, 0.6894,
0.3106


 84.3295, 0.4334,
0.4010


 0.0000, 0.0000,
0.0000


 109.5842, 0.4238,
0.3964


 139.4360, 0.4156,

0.3922

 174.2693, 0.4085,
0.3884

 13.5588, 0.5148,
0.4295


 13.5588, 0.5148,
0.4295


 13.5597, 0.5148,
0.4295

 14.6738, 0.4972,
0.4322

 15.9047, 0.4773,
0.4310

 17.2662, 0.4551,
0.4250

 18.7652, 0.4317,
0.4151

 20.4074, 0.4083,
0.4025

■ 22.1984, 0.3858,
0.3881

■ 24.1431, 0.3648,
0.3730

■ 26.2463, 0.3456,
0.3578

■ 28.5124, 0.3282,
0.3431

Harmonies

Analogous

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



13.5588, 0.5375, 0.3520



13.5588, 0.5148, 0.4295



13.5588, 0.4381, 0.5082

Triad

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



13.5588, 0.5148, 0.4295



13.5588, 0.1618, 0.3535



13.5588, 0.2503, 0.1797

Complementary

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



13.5588, 0.5148, 0.4295



5.7882, 0.1706, 0.1341

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.



13.5588, 0.1734, 0.1660



13.5588, 0.5148, 0.4295



13.5588, 0.1301, 0.2405

Square

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



13.5588, 0.5148, 0.4295



13.5588, 0.2361, 0.4911



13.5588, 0.1351, 0.1827



13.5588, 0.3645, 0.2202

Rectangle

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



13.5588, 0.5148, 0.4295



13.5588, 0.3723, 0.5445



13.5588, 0.1351, 0.1827



13.5588, 0.2200, 0.1721

Sweetspot

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



13.5597, 0.5148, 0.4295



43.0220, 0.3660, 0.3739



6.9657, 0.5204, 0.2640



9.4651, 0.3740, 0.3798



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.



13.5597, 0.5148, 0.4295



23.9170, 0.5171, 0.4276



27.7890, 0.4079, 0.5143



6.7906, 0.3270, 0.3420



11.5931, 0.5140, 0.4301



0.2450, 0.4651, 0.4689

Inverse Universe

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



5.7882, 0.1706, 0.1341



10.0224, 0.1696, 0.1306



2.2992, 0.1526, 0.0614



6.4286, 0.2989, 0.3157



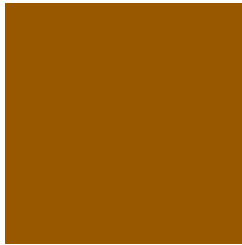
4.9783, 0.1709, 0.1353



0.1439, 0.1934, 0.2160

Previews

White Background



This preview shows how the Yxy color 13.5588, 0.5148, 0.4295 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 13.5588, 0.5148, 0.4295 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 13.5588, 0.5148, 0.4295

Background



This preview shows how black text looks on a background with the Yxy color 13.5588, 0.5148, 0.4295.



This preview shows how white text looks on a background with the Yxy color 13.5588, 0.5148, 0.4295.

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

13.5588, 0.5148, 0.4295

Protanopia

13.7091, 0.4349, 0.4826

Deuteranopia

13.5607, 0.4704, 0.4647



Tritanopia

13.6092, 0.4248, 0.3193

Trichromacy



Original Color

13.5588, 0.5148, 0.4295

Protanomaly

13.4200, 0.4644, 0.4628

Deuteranomaly

13.4087, 0.4874, 0.4512

Tritanomaly

13.3985, 0.4748, 0.3737

Monochromacy



Original Color

13.5588, 0.5148, 0.4295

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

12.1351, 0.3990, 0.3966

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.5588, 0.5148, 0.4295 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, 88, 0)` looks like.

```
.text, #text, p{  
    color:rgb(151, 88, 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, 88, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 88, 0) }
```

Border

The CSS property to change the border of an element to Yxy 13.5588, 0.5148, 0.4295 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, 88, 0) }
```

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

```
.border{ border-color:rgb(151, 88, 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, 88, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 88, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 88, 0);  
box-shadow:4px 4px 4px 4px rgb(151, 88, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 13.5588, 0.5148, 0.4295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 88, 0) }
```

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

```
.background{ background-color: rgb(151, 88,  
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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