

Converting Colors

$Y_{xy}(10.4380, 0.5518, 0.4482)$

Have a look what the booklet for
Yxy(10.4380, 0.5518, 0.4482)
contains.

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Color

Yxy(10.4354, 0.5249, 0.4214)

Conversions

Conversions Part 1

Format	Color
Hex	8A4B00
RGB	138, 75, 0
RGB Percent	54%, 29%, 0%
CMY	0.4588, 0.7059, 0.9999
CMYK	0.00, 0.46, 1.00, 0.46
HSL	33°, 100%, 27%
HSV	33°, 100%, 54%
XYZ	12.9984, 10.4354, 1.3298
YIQ	85.2870, 61.6230, -9.9690

Conversions

Conversions Part 2

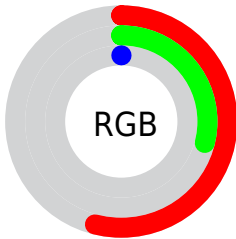
Format	Color
R_{YB}	116, 138, 0
Decimal	9063168
CIE _{Lab}	38.61, 22.21, 48.10
CIE _{LCh}	39, 52.980, 65.221
Yxy	10.4354, 0.5249, 0.4214
Android (android.graphics.Color)	4287253248 (0xFF8A4B00)
YUV	85.2870, -42.0465, 46.2293
Hunter-Lab	32.3039, 15.2931, 20.1720

Details

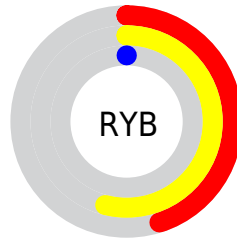
The Yxy color **10.4354, 0.5249, 0.4214** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.3944, 0.1744, 0.1477**, and the grayscale version is **9.2289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.5615, 0.4787, 0.4112**, and **2.6779, 0.5632, 0.3910** is the 20% darker color. If you saturate the color by 10%, you get **10.4343, 0.5249, 0.4214**, and if you desaturate by 10%, it is **11.3648, 0.5051, 0.4244**.

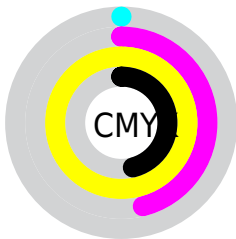
Distribution



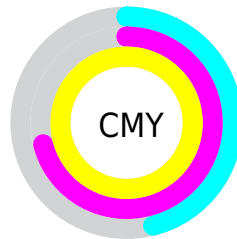
- Red (54%)
- Green (29%)
- Blue (0%)



- Red (45%)
- Yellow (54%)
- Blue (0%)



- Cyan (0%)
- Magenta (46%)
- Yellow (100%)
- Black (46%)




- Cyan (46%)
- Magenta (71%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.4354, 0.5249, 0.4214 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 10.4354, 0.5249, 0.4214 by changing the saturation by 10% instead.


 10.4354, 0.5249,
0.4214


 10.4354, 0.5249,
0.4214


 193.7520, 0.4017,
0.3805


 5.6886, 0.5651,
0.4284

 26.6113, 0.4782,
0.4118

 2.6567, 0.5904,
0.4096

 38.8091, 0.4608,
0.4061


 0.9552, 0.6270,
0.3730

 54.2595, 0.4464,
0.4006

 0.0000, 1.0000,
0.0000

 73.3467, 0.4344,
0.3957

 0.0000, 0.0000,
0.0000

 96.4551, 0.4243,
0.3912


 123.9692, 0.4156,


0.3873

 156.2734, 0.4082,
0.3837


 10.4354, 0.5249,
0.4214


 10.4354, 0.5249,
0.4214

 10.4343, 0.5249,
0.4214

 11.3648, 0.5051,
0.4244

 12.4004, 0.4833,
0.4237

 13.5556, 0.4593,
0.4183

 14.8361, 0.4344,
0.4091

 16.2473, 0.4099,
0.3973

■ 17.7941, 0.3866,
0.3839

■ 19.4809, 0.3651,
0.3698

■ 21.3119, 0.3456,
0.3557

■ 23.2912, 0.3282,
0.3420

Harmonies

Analogous

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



10.4354, 0.5414, 0.3433



10.4354, 0.5249, 0.4214



10.4354, 0.4498, 0.5036

Triad

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



10.4354, 0.5249, 0.4214



10.4354, 0.1639, 0.3692



10.4354, 0.2381, 0.1737

Complementary

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



10.4354, 0.5249, 0.4214



5.3944, 0.1744, 0.1477

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.



10.4354, 0.1643, 0.1627



10.4354, 0.5249, 0.4214



10.4354, 0.1277, 0.2471

Square

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



10.4354, 0.5249, 0.4214



10.4354, 0.2437, 0.5090



10.4354, 0.1293, 0.1831



10.4354, 0.3521, 0.2121

Rectangle

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



10.4354, 0.5249, 0.4214



10.4354, 0.3836, 0.5461



10.4354, 0.1293, 0.1831



10.4354, 0.2088, 0.1669

Sweetspot

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



10.4360, 0.5249, 0.4214



34.1301, 0.3665, 0.3707



5.7795, 0.5047, 0.2554



7.4079, 0.3741, 0.3759



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.



10.4360, 0.5249, 0.4214



18.0714, 0.5277, 0.4192



23.1992, 0.4137, 0.5097



5.4693, 0.3268, 0.3409



9.5950, 0.5244, 0.4218



0.0931, 0.4696, 0.4653

Inverse Universe

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



5.3944, 0.1744, 0.1477



9.1958, 0.1734, 0.1440



1.8656, 0.1515, 0.0608



5.2439, 0.2991, 0.3168



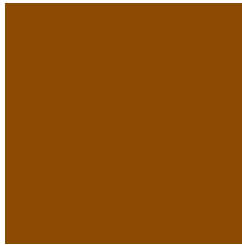
4.9723, 0.1746, 0.1483



0.0617, 0.1967, 0.2282

Previews

White Background



This preview shows how the Yxy color 10.4354, 0.5249, 0.4214 looks on a white background.

Color Contrast Check

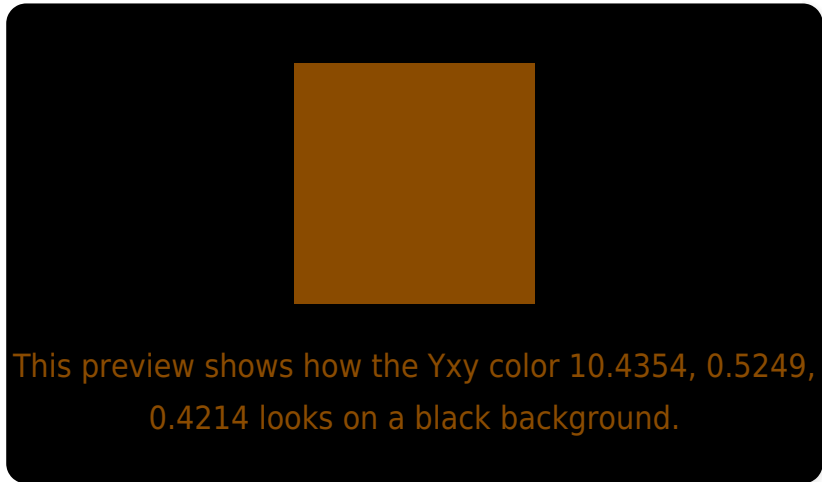
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.4354, 0.5249, 0.4214

Background



This preview shows how black text looks on a background with the Yxy color 10.4354, 0.5249, 0.4214.



This preview shows how white text looks on a background with the Yxy color 10.4354, 0.5249, 0.4214.

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

10.4354, 0.5249, 0.4214

Protanopia

10.5620, 0.4330, 0.4823

Deuteranopia

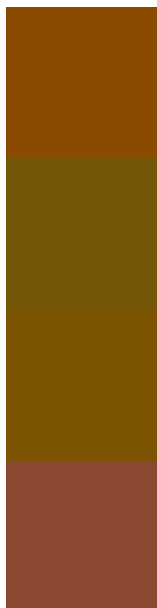
10.5294, 0.4692, 0.4656



Tritanopia

10.4638, 0.4370, 0.3204

Trichromacy



Original Color

10.4354, 0.5249, 0.4214

Protanomaly

10.3839, 0.4676, 0.4594

Deuteranomaly

10.4716, 0.4896, 0.4495

Tritanomaly

10.3371, 0.4835, 0.3703

Monochromacy



Original Color

10.4354, 0.5249, 0.4214

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.0943, 0.4022, 0.3926

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.4354, 0.5249, 0.4214 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(138, 75, 0)` looks like.

```
.text, #text, p{  
    color:rgb(138, 75, 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(138, 75, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 75, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.4354, 0.5249, 0.4214 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(138, 75, 0) }
```

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

```
.border{ border-color:rgb(138, 75, 0) }
```

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

Here you see how a box with a 4 pixel rgb(138, 75, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 75, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 75, 0);  
box-shadow:4px 4px 4px 4px rgb(138, 75, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.4354, 0.5249, 0.4214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 75, 0) }
```

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

```
.background{ background-color: rgb(138, 75,  
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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