

Converting Colors

$Y_{xy}(14.5298, 0.4225, 0.3890)$

Have a look what the booklet for
Yxy(14.5298, 0.4225, 0.3890)
contains.

Yxy(14.5203, 0.4237, 0.3893)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.5203, 0.4237, 0.3893)

Conversions

Conversions Part 1

Format	Color
Hex	8A6241
RGB	138, 98, 65
RGB Percent	54%, 38%, 25%
CMY	0.4588, 0.6157, 0.7450
CMYK	0.00, 0.29, 0.53, 0.46
HSL	27°, 36%, 40%
HSV	27°, 53%, 54%
XYZ	15.8034, 14.5203, 6.9748
YIQ	106.1980, 34.4330, -1.7830

Conversions

Conversions Part 2

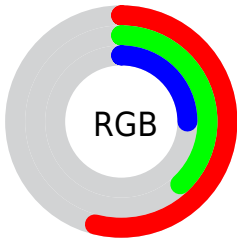
Format	Color
R_{YB}	138, 125, 65
Decimal	9069121
CIE _{Lab}	44.97, 12.14, 25.10
CIE _{LCh}	45, 27.879, 64.186
Yxy	14.5203, 0.4237, 0.3893
Android (android.graphics.Color)	4287259201 (0xFF8A6241)
YUV	106.1980, -20.3106, 27.8904
Hunter-Lab	38.1055, 7.3440, 15.8214

Details

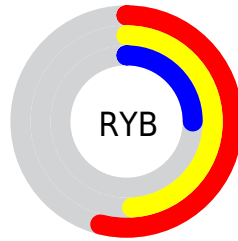
The Yxy color **14.5203, 0.4237, 0.3893** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.0672, 0.2326, 0.2571**, and the grayscale version is **14.5209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0246, 0.3967, 0.3778**, and **4.3531, 0.4734, 0.4068** is the 20% darker color. If you saturate the color by 10%, you get **13.0308, 0.4519, 0.3985**, and if you desaturate by 10%, it is **16.1841, 0.3973, 0.3784**.

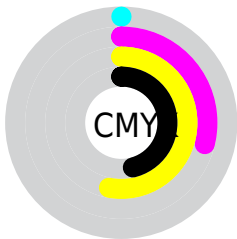
Distribution



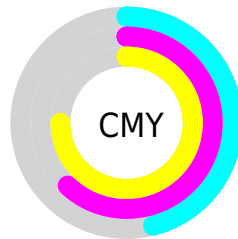
- Red (54%)
- Green (38%)
- Blue (25%)



- Red (54%)
- Yellow (49%)
- Blue (25%)



- Cyan (0%)
- Magenta (29%)
- Yellow (53%)
- Black (46%)





- Cyan (46%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5203, 0.4237, 0.3893 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 14.5203, 0.4237, 0.3893 by changing the saturation by 10% instead.


 14.5203, 0.4237,
0.3893


 14.5203, 0.4237,
0.3893


220.4441, 0.3578,
0.3561


 8.4834, 0.4443,
0.3978


 34.0094, 0.3968,
0.3768


 4.4058, 0.4732,
0.4078


 48.2304, 0.3876,
0.3722


 1.9031, 0.5460,
0.4424

 65.9483, 0.3802,
0.3684

 0.5502, 0.5982,
0.4018

 87.5474, 0.3741,
0.3651

 0.0000, 0.0000,
0.0000

 113.4121, 0.3690,
0.3624

 143.9269, 0.3647,

0.3600

179.4761, 0.3610,
0.3579

■ 14.5203, 0.4237,
0.3893

■ 14.5203, 0.4237,
0.3893

■ 13.0308, 0.4519,
0.3985

■ 16.1841, 0.3973,
0.3784

■ 11.7069, 0.4807,
0.4047

■ 18.0261, 0.3734,
0.3666

■ 10.5422, 0.5087,
0.4069

■ 20.0530, 0.3521,
0.3547

■ 9.5286, 0.5339,
0.4042

■ 22.2702, 0.3334,
0.3431

■ 8.8878, 0.5510,
0.4007

■ 24.6829, 0.3170,
0.3321

■ 27.2962, 0.3028,
0.3217

■ 30.1148, 0.2905,
0.3121

■ 33.1435, 0.2798,
0.3033

■ 36.3866, 0.2705,
0.2952

Harmonies

Analogous

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



14.5203, 0.4227, 0.3455



14.5203, 0.4237, 0.3893



14.5203, 0.3932, 0.4234

Triad

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



14.5203, 0.4237, 0.3893



14.5203, 0.2399, 0.3530



14.5203, 0.2755, 0.2436

Complementary

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



14.5203, 0.4237, 0.3893



13.0672, 0.2326, 0.2571

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.



14.5203, 0.2330, 0.2396



14.5203, 0.4237, 0.3893



14.5203, 0.2139, 0.2964

Square

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



14.5203, 0.4237, 0.3893



14.5203, 0.2863, 0.4070



14.5203, 0.2118, 0.2568



14.5203, 0.3323, 0.2659

Rectangle

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



14.5203, 0.4237, 0.3893



14.5203, 0.3607, 0.4336



14.5203, 0.2118, 0.2568



14.5203, 0.2592, 0.2401

Sweetspot

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



14.5210, 0.4237, 0.3893



37.8642, 0.3396, 0.3471



10.2100, 0.3758, 0.2570



8.3388, 0.3428, 0.3491



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.



14.5210, 0.4237, 0.3893



22.6092, 0.4561, 0.3996



22.9318, 0.3899, 0.4469



5.3965, 0.3270, 0.3389



8.1777, 0.5504, 0.4011



0.0829, 0.4852, 0.4529

Inverse Universe

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



13.0672, 0.2326, 0.2571



19.7494, 0.2170, 0.2379



7.1762, 0.2164, 0.1750



5.3168, 0.2991, 0.3189



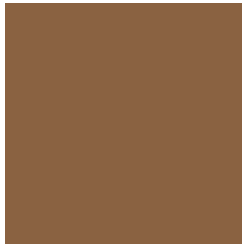
6.4051, 0.1829, 0.1784



0.0719, 0.2028, 0.2500

Previews

White Background



This preview shows how the Yxy color 14.5203, 0.4237, 0.3893 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 14.5203, 0.4237, 0.3893 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 14.5203, 0.4237, 0.3893

Background



This preview shows how black text looks on a background with the Yxy color 14.5203, 0.4237, 0.3893.



This preview shows how white text looks on a background with the Yxy color 14.5203, 0.4237, 0.3893.

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

14.5203, 0.4237, 0.3893

Protanopia

14.6457, 0.3779, 0.4099

Deuteranopia

14.5400, 0.4075, 0.4022



Tritanopia

14.6077, 0.3756, 0.3164

Trichromacy



Original Color

14.5203, 0.4237, 0.3893

Protanomaly

14.5910, 0.3939, 0.4026

Deuteranomaly

14.5831, 0.4130, 0.3990

Tritanomaly

14.4644, 0.3943, 0.3421

Monochromacy



Original Color

14.5203, 0.4237, 0.3893

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.3074, 0.3515, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5203, 0.4237, 0.3893 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, 98, 65)` looks like.

```
.text, #text, p{  
    color:rgb(138, 98, 65)  
}
```

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, 98, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 98, 65) }
```

Border

The CSS property to change the border of an element to Yxy 14.5203, 0.4237, 0.3893 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, 98, 65) }
```

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

```
.border{ border-color:rgb(138, 98, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 98, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 98, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 98, 65);  
box-shadow:4px 4px 4px 4px rgb(138, 98,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5203, 0.4237, 0.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 98, 65) }
```

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

```
.background{ background-color: rgb(138, 98,  
65) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor