

Converting Colors

$Y_{xy}(14.8353, 0.3986, 0.3643)$

Have a look what the booklet for
Yxy(14.8353, 0.3986, 0.3643)
contains.

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Color

Yxy(14.8212, 0.3992, 0.3647)

Conversions

Conversions Part 1

Format	Color
Hex	896350
RGB	137, 99, 80
RGB Percent	54%, 39%, 31%
CMY	0.4628, 0.6117, 0.6863
CMYK	0.00, 0.28, 0.42, 0.46
HSL	20°, 26%, 43%
HSV	20°, 42%, 54%
XYZ	16.2233, 14.8212, 9.5950
YIQ	108.1960, 28.7470, 2.1470

Conversions

Conversions Part 2

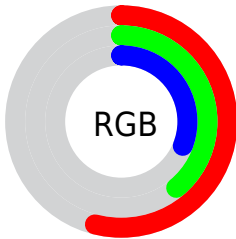
Format	Color
R_{YB}	137, 109, 80
Decimal	9003856
CIE _{Lab}	45.39, 12.75, 16.84
CIE _{LCh}	45, 21.124, 52.871
Yxy	14.8212, 0.3992, 0.3647
Android (android.graphics.Color)	4287193936 (0xFF896350)
YUV	108.1960, -13.9006, 25.2611
Hunter-Lab	38.4983, 7.8482, 12.1719

Details

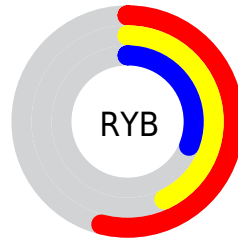
The Yxy color **14.8212, 0.3992, 0.3647** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.4584, 0.2515, 0.2896**, and the grayscale version is **15.0879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.6041, 0.3784, 0.3577**, and **4.5086, 0.4410, 0.3767** is the 20% darker color. If you saturate the color by 10%, you get **13.0067, 0.4286, 0.3729**, and if you desaturate by 10%, it is **16.8738, 0.3732, 0.3559**.

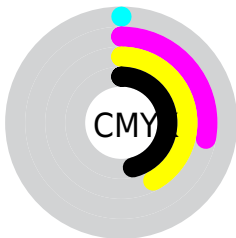
Distribution



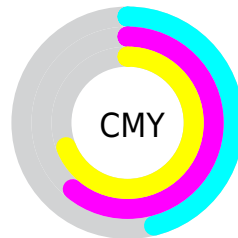
- Red (54%)
- Green (39%)
- Blue (31%)



- Red (54%)
- Yellow (43%)
- Blue (31%)



- Cyan (0%)
- Magenta (28%)
- Yellow (42%)
- Black (46%)




- Cyan (46%)
- Magenta (61%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8212, 0.3992, 0.3647 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 14.8212, 0.3992, 0.3647 by changing the saturation by 10% instead.


 14.8212, 0.3992,
0.3647


 14.8212, 0.3992,
0.3647


222.2814, 0.3475,
0.3450


 8.6940, 0.4160,
0.3700


 34.5392, 0.3778,
0.3572


 4.5421, 0.4404,
0.3767

 48.8988, 0.3707,
0.3544

 1.9812, 0.4813,
0.3865

 66.7713, 0.3649,
0.3522

 0.5965, 0.5957,
0.4043

 88.5411, 0.3602,
0.3503

 0.0000, 0.0000,
0.0000

 114.5927, 0.3562,
0.3486

145.3103, 0.3529,

0.3473

181.0784, 0.3500,
0.3460

■ 14.8212, 0.3992,
0.3647

■ 14.8212, 0.3992,
0.3647

■ 13.0067, 0.4286,
0.3729

■ 16.8738, 0.3732,
0.3559

■ 11.4193, 0.4611,
0.3796

■ 19.1710, 0.3508,
0.3470

■ 10.0500, 0.4953,
0.3838

■ 21.7215, 0.3315,
0.3384

■ 8.8883, 0.5292,
0.3843

■ 24.5328, 0.3151,
0.3302

■ 7.9230, 0.5599,
0.3802

■ 27.6124, 0.3011,
0.3227

■ 7.2479, 0.5834,
0.3749

■ 30.9673, 0.2892,
0.3157

■ 34.6043, 0.2790,
0.3093

■ 38.5297, 0.2703,
0.3035

■ 42.7501, 0.2628,
0.2982

Harmonies

Analogous

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



14.8212, 0.3880, 0.3300



14.8212, 0.3992, 0.3647



14.8212, 0.3853, 0.3936

Triad

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



14.8212, 0.3992, 0.3647



14.8212, 0.2696, 0.3634



14.8212, 0.2707, 0.2598

Complementary

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



14.8212, 0.3992, 0.3647



16.4584, 0.2515, 0.2896

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.



14.8212, 0.2431, 0.2635



14.8212, 0.3992, 0.3647



14.8212, 0.2424, 0.3207

Square

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



14.8212, 0.3992, 0.3647



14.8212, 0.3095, 0.3967



14.8212, 0.2331, 0.2845



14.8212, 0.3112, 0.2721

Rectangle

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



14.8212, 0.3992, 0.3647



14.8212, 0.3647, 0.4049



14.8212, 0.2331, 0.2845



14.8212, 0.2597, 0.2592

Sweetspot

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



14.8219, 0.3992, 0.3647



38.5941, 0.3327, 0.3389



12.3612, 0.3466, 0.2604



8.5423, 0.3347, 0.3399



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.



14.8219, 0.3992, 0.3647



23.4519, 0.4271, 0.3725



21.1983, 0.3786, 0.4135



5.3036, 0.3273, 0.3364



6.7744, 0.5829, 0.3754



0.0699, 0.5103, 0.4331

Inverse Universe

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



16.4584, 0.2515, 0.2896



26.7752, 0.2388, 0.2788



10.7385, 0.2418, 0.2270



5.4121, 0.2991, 0.3215



8.7189, 0.1942, 0.2193



0.0849, 0.2097, 0.2747

Previews

White Background



This preview shows how the Yxy color 14.8212, 0.3992, 0.3647 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 14.8212, 0.3992, 0.3647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

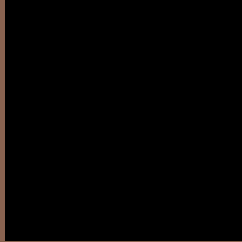
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.8212, 0.3992, 0.3647

Background



This preview shows how black text looks on a background with the Yxy color 14.8212, 0.3992, 0.3647.



This preview shows how white text looks on a background with the Yxy color 14.8212, 0.3992, 0.3647.

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

14.8212, 0.3992, 0.3647

Protanopia

15.0101, 0.3545, 0.3792

Deuteranopia

14.7770, 0.3825, 0.3765



Tritanopia

14.8340, 0.3684, 0.3163

Trichromacy



Original Color

14.8212, 0.3992, 0.3647

Protanomaly

14.9386, 0.3695, 0.3734

Deuteranomaly

14.8926, 0.3893, 0.3735

Tritanomaly

14.7789, 0.3789, 0.3329

Monochromacy



Original Color

14.8212, 0.3992, 0.3647

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.9069, 0.3423, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8212, 0.3992, 0.3647 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(137, 99, 80)` looks like.

```
.text, #text, p{  
    color:rgb(137, 99, 80)  
}
```

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(137, 99, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 99, 80) }
```

Border

The CSS property to change the border of an element to Yxy 14.8212, 0.3992, 0.3647 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(137, 99, 80) }
```

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

```
.border{ border-color:rgb(137, 99, 80) }
```

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

Here you see how a box with a 4 pixel rgb(137, 99, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 99, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 99, 80);  
box-shadow:4px 4px 4px 4px rgb(137, 99,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8212, 0.3992, 0.3647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 99, 80) }
```

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

```
.background{ background-color: rgb(137, 99,  
80) }
```

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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