

Converting Colors

$Y_{xy}(14.0454, 0.3644, 0.3104)$

Have a look what the booklet for
Yxy(14.0454, 0.3644, 0.3104)
contains.

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Color

Yxy(14.0422, 0.3652, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	885D67
RGB	136, 93, 103
RGB Percent	53%, 36%, 40%
CMY	0.4666, 0.6353, 0.5962
CMYK	0.00, 0.32, 0.24, 0.47
HSL	346°, 19%, 45%
HSV	346°, 32%, 53%
XYZ	16.5160, 14.0422, 14.6663
YIQ	106.9970, 22.4180, 12.2260

Conversions

Conversions Part 2

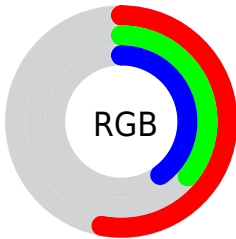
Format	Color
R_{YB}	136, 93, 103
Decimal	8936807
CIE _{Lab}	44.29, 19.13, 1.43
CIE _{LCh}	44, 19.182, 4.282
Yxy	14.0422, 0.3652, 0.3105
Android (android.graphics.Color)	4287126887 (0xFF885D67)
YUV	106.9970, -1.9705, 25.4356
Hunter-Lab	37.4729, 13.0952, 3.0259

Details

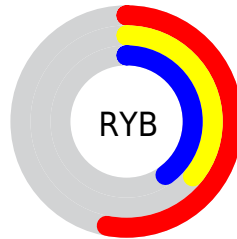
The Yxy color **14.0422, 0.3652, 0.3105** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.4451, 0.2778, 0.3486**, and the grayscale version is **14.7031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2268, 0.3518, 0.3155**, and **4.1708, 0.3921, 0.3008** is the 20% darker color. If you saturate the color by 10%, you get **11.6670, 0.3898, 0.3045**, and if you desaturate by 10%, it is **16.8696, 0.3449, 0.3166**.

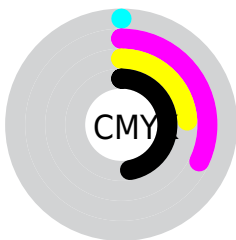
Distribution



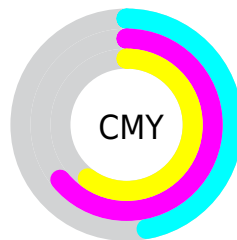
- Red (53%)
- Green (36%)
- Blue (40%)



- Red (53%)
- Yellow (36%)
- Blue (40%)



- Cyan (0%)
- Magenta (32%)
- Yellow (24%)
- Black (47%)





- Cyan (47%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0422, 0.3652, 0.3105 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 14.0422, 0.3652, 0.3105 by changing the saturation by 10% instead.


 14.0422, 0.3652,
0.3105


 14.0422, 0.3652,
0.3105


217.4932, 0.3337,
0.3217


 8.1500, 0.3757,
0.3067


 33.1639, 0.3521,
0.3152


 4.1911, 0.3913,
0.3009

 47.1622, 0.3477,
0.3168

 1.7810, 0.4171,
0.2912

 64.6313, 0.3442,
0.3180

 0.4753, 0.5078,
0.2621

 85.9557, 0.3413,
0.3191

 0.0000, 0.0000,
0.0000

111.5196, 0.3390,
0.3199

141.7076, 0.3369,

0.3206

176.9040, 0.3352,
0.3212

■ 14.0422, 0.3652,
0.3105

■ 14.0422, 0.3652,
0.3105

■ 11.6670, 0.3898,
0.3045

■ 16.8696, 0.3449,
0.3166

■ 9.7186, 0.4191,
0.2991

■ 20.1689, 0.3282,
0.3225

■ 8.1720, 0.4529,
0.2949


■ 23.9612, 0.3147,
0.3281


■ 6.9988, 0.4904,
0.2930


■ 28.2656, 0.3036,
0.3333

■ 6.1669, 0.5291,
0.2941

■ 33.1004, 0.2945,
0.3381

 5.6388, 0.5654,
0.2989

 38.4826, 0.2871,
0.3424

 5.3368, 0.5927,
0.3039

 44.4287, 0.2809,
0.3464

 50.9546, 0.2758,
0.3500

 58.0753, 0.2715,
0.3533

Harmonies

Analogous

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



14.0422, 0.3271, 0.2837



14.0422, 0.3652, 0.3105



14.0422, 0.3890, 0.3426

Triad

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



14.0422, 0.3652, 0.3105



14.0422, 0.3348, 0.4001



14.0422, 0.2402, 0.2786

Complementary

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



14.0422, 0.3652, 0.3105



21.4451, 0.2778, 0.3486

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.



14.0422, 0.2420, 0.3075



14.0422, 0.3652, 0.3105



14.0422, 0.2950, 0.3816

Square

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



14.0422, 0.3652, 0.3105



14.0422, 0.3700, 0.3958



14.0422, 0.2615, 0.3460



14.0422, 0.2561, 0.2650

Rectangle

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



14.0422, 0.3652, 0.3105



14.0422, 0.3926, 0.3639



14.0422, 0.2615, 0.3460



14.0422, 0.2388, 0.2867

Sweetspot

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



14.0429, 0.3652, 0.3105



37.0783, 0.3247, 0.3239



14.0405, 0.3022, 0.2502



8.3956, 0.3266, 0.3232



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.



14.0429, 0.3652, 0.3105



21.6510, 0.3825, 0.3061



16.0209, 0.3748, 0.3506



5.0664, 0.3246, 0.3239



5.0517, 0.5921, 0.3036



0.0355, 0.4919, 0.2484

Inverse Universe

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



14.0429, 0.3652, 0.3105



21.6510, 0.3825, 0.3061



18.6561, 0.2664, 0.3062



5.0664, 0.3246, 0.3239



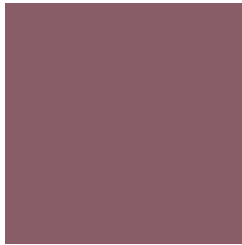
5.0517, 0.5921, 0.3036



0.0355, 0.4919, 0.2484

Previews

White Background



This preview shows how the Yxy color 14.0422, 0.3652, 0.3105 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 14.0422, 0.3652, 0.3105 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 14.0422, 0.3652, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 14.0422, 0.3652, 0.3105.



This preview shows how white text looks on a background with the Yxy color 14.0422, 0.3652, 0.3105.

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

14.0422, 0.3652, 0.3105

Protanopia

14.0906, 0.3077, 0.3163

Deuteranopia

14.2242, 0.3361, 0.3311



Tritanopia

14.0025, 0.3683, 0.3142

Trichromacy



Original Color

14.0422, 0.3652, 0.3105

Protanomaly

13.9578, 0.3281, 0.3148

Deuteranomaly

14.1681, 0.3460, 0.3231

Tritanomaly

14.0223, 0.3667, 0.3123

Monochromacy



Original Color

14.0422, 0.3652, 0.3105

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.3949, 0.3305, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0422, 0.3652, 0.3105 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(136, 93, 103)` looks like.

```
.text, #text, p{  
    color:rgb(136, 93, 103)  
}
```

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(136, 93, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 93, 103) }
```

Border

The CSS property to change the border of an element to Yxy 14.0422, 0.3652, 0.3105 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(136, 93, 103) }
```

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

```
.border{ border-color:rgb(136, 93, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 93, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 93, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 93, 103); box-shadow:4px 4px 4px 4px rgb(136, 93, 103) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0422, 0.3652, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 93, 103) }
```

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

```
.background{ background-color: rgb(136, 93,  
103) }
```

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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