

Converting Colors

$Y_{xy}(14.0394, 0.3815, 0.2977)$

Have a look what the booklet for
Yxy(14.0394, 0.3815, 0.2977)
contains.

Yxy(14.0394, 0.3815, 0.2977)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.0394, 0.3815, 0.2977)

Conversions

Conversions Part 1

Format	Color
Hex	935769
RGB	147, 87, 105
RGB Percent	58%, 34%, 41%
CMY	0.4235, 0.6588, 0.5882
CMYK	0.00, 0.41, 0.29, 0.42
HSL	342°, 26%, 46%
HSV	342°, 41%, 58%
XYZ	17.9914, 14.0394, 15.1288
YIQ	106.9920, 29.9820, 18.3180

Conversions

Conversions Part 2

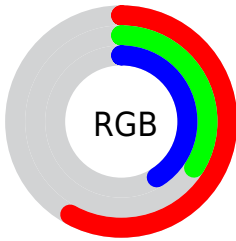
Format	Color
R_{YB}	147, 87, 105
Decimal	9656169
CIE _{Lab}	44.29, 27.22, 0.36
CIE _{LCh}	44, 27.220, 0.755
Yxy	14.0394, 0.3815, 0.2977
Android (android.graphics.Color)	4287846249 (0xFF935769)
YUV	106.9920, -0.9821, 35.0870
Hunter-Lab	37.4692, 20.1383, 2.2891

Details

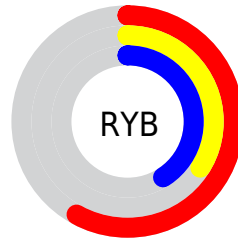
The Yxy color **14.0394, 0.3815, 0.2977** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.4794, 0.2722, 0.3636**, and the grayscale version is **14.6977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.1338, 0.3641, 0.3058**, and **4.1362, 0.4147, 0.2810** is the 20% darker color. If you saturate the color by 10%, you get **11.6983, 0.4078, 0.2905**, and if you desaturate by 10%, it is **16.8922, 0.3594, 0.3056**.

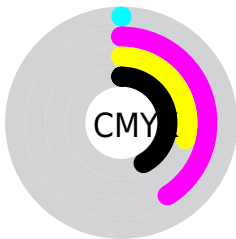
Distribution



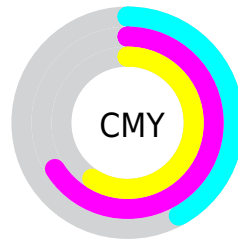
- Red (58%)
- Green (34%)
- Blue (41%)



- Red (58%)
- Yellow (34%)
- Blue (41%)



- Cyan (0%)
- Magenta (41%)
- Yellow (29%)
- Black (42%)





- Cyan (42%)
- Magenta (66%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0394, 0.3815, 0.2977 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 14.0394, 0.3815, 0.2977 by changing the saturation by 10% instead.


 14.0394, 0.3815,
0.2977


 14.0394, 0.3815,
0.2977


217.4758, 0.3403,
0.3165

 8.1481, 0.3951,
0.2915


 33.1589, 0.3644,
0.3055


 4.1898, 0.4152,
0.2822

 47.1559, 0.3587,
0.3081

 1.7803, 0.4480,
0.2671

 64.6236, 0.3541,
0.3102

 0.4749, 0.5425,
0.2247

 85.9463, 0.3504,
0.3119

 0.0000, 1.0000,
0.0000

 111.5085, 0.3472,
0.3133

 0.0000, 0.0000,
0.0000

141.6945, 0.3446,

0.3146

176.8888, 0.3423,
0.3156

■ 14.0394, 0.3815,
0.2977

■ 14.0394, 0.3815,
0.2977

■ 11.6983, 0.4078,
0.2905

■ 16.8922, 0.3594,
0.3056

■ 9.8363, 0.4382,
0.2846

■ 20.2827, 0.3410,
0.3135

■ 8.4202, 0.4721,
0.2812


■ 24.2374, 0.3260,
0.3212

■ 7.4119, 0.5077,
0.2814


■ 28.7807, 0.3136,
0.3284

■ 6.7664, 0.5424,
0.2858

■ 33.9353, 0.3035,
0.3352

 6.3861, 0.5718,
0.2923

 39.7228, 0.2952,
0.3414

 46.1639, 0.2884,
0.3470

 53.2780, 0.2828,
0.3522

 61.0841, 0.2781,
0.3569

Harmonies

Analogous

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



14.0394, 0.3253, 0.2633



14.0394, 0.3815, 0.2977



14.0394, 0.4189, 0.3403

Triad

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



14.0394, 0.3815, 0.2977



14.0394, 0.3484, 0.4324



14.0394, 0.2119, 0.2611

Complementary

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



14.0394, 0.3815, 0.2977



24.4794, 0.2722, 0.3636

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.



14.0394, 0.2168, 0.3027



14.0394, 0.3815, 0.2977



14.0394, 0.2928, 0.4107

Square

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



14.0394, 0.3815, 0.2977



14.0394, 0.3970, 0.4194



14.0394, 0.2451, 0.3594



14.0394, 0.2304, 0.2414

Rectangle

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



14.0394, 0.3815, 0.2977



14.0394, 0.4261, 0.3698



14.0394, 0.2451, 0.3594



14.0394, 0.2109, 0.2726

Sweetspot

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



14.0401, 0.3815, 0.2977



42.3275, 0.3279, 0.3201



13.5127, 0.2911, 0.2238



9.4684, 0.3296, 0.3192



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.0401, 0.3815, 0.2977



21.2556, 0.4055, 0.2910



15.6271, 0.4043, 0.3486



5.8423, 0.3238, 0.3224



5.5401, 0.5703, 0.2915



0.0725, 0.4641, 0.2330

Inverse Universe

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



14.0401, 0.3815, 0.2977



21.2556, 0.4055, 0.2910



21.7420, 0.2550, 0.3080



5.8423, 0.3238, 0.3224



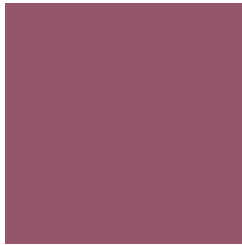
5.5401, 0.5703, 0.2915



0.0725, 0.4641, 0.2330

Previews

White Background



This preview shows how the Yxy color 14.0394, 0.3815, 0.2977 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 14.0394, 0.3815, 0.2977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

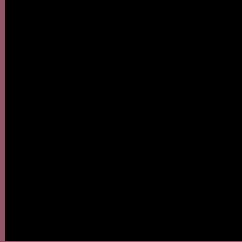
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 14.0394, 0.3815, 0.2977

Background



This preview shows how black text looks on a background with the Yxy color 14.0394, 0.3815, 0.2977.



This preview shows how white text looks on a background with the Yxy color 14.0394, 0.3815, 0.2977.

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

14.0394, 0.3815, 0.2977

Protanopia

14.0815, 0.2987, 0.3058

Deuteranopia

14.1751, 0.3332, 0.3291



Tritanopia

14.0820, 0.3958, 0.3186

Trichromacy



Original Color

14.0394, 0.3815, 0.2977

Protanomaly

13.8761, 0.3272, 0.3031

Deuteranomaly

14.0407, 0.3498, 0.3174

Tritanomaly

13.9913, 0.3896, 0.3098

Monochromacy



Original Color

14.0394, 0.3815, 0.2977

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.2925, 0.3369, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0394, 0.3815, 0.2977 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(147, 87, 105)` looks like.

```
.text, #text, p{  
    color:rgb(147, 87, 105)  
}
```

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(147, 87, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 87, 105) }
```

Border

The CSS property to change the border of an element to Yxy 14.0394, 0.3815, 0.2977 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(147, 87, 105) }
```

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

```
.border{ border-color:rgb(147, 87, 105) }
```

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

Here you see how a box with a 4 pixel rgb(147, 87, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 87, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 87, 105);  
box-shadow:4px 4px 4px 4px rgb(147, 87,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0394, 0.3815, 0.2977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 87, 105) }
```

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

```
.background{ background-color: rgb(147, 87,  
105) }
```

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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