

Converting Colors

$Y_{xy}(14.0078, 0.3996, 0.2956)$

Have a look what the booklet for
Yxy(14.0078, 0.3996, 0.2956)
contains.

Yxy(13.9824, 0.3997, 0.2944)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(13.9824, 0.3997, 0.2944)

Conversions

Conversions Part 1

Format	Color
Hex	9B5267
RGB	155, 82, 103
RGB Percent	61%, 32%, 40%
CMY	0.3921, 0.6784, 0.5961
CMYK	0.00, 0.47, 0.34, 0.39
HSL	343°, 31%, 46%
HSV	343°, 47%, 61%
XYZ	18.9836, 13.9824, 14.5286
YIQ	106.2210, 36.7670, 22.0070

Conversions

Conversions Part 2

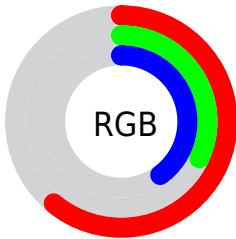
Format	Color
R_{YB}	155, 82, 103
Decimal	10179175
CIE _{Lab}	44.21, 32.75, 1.61
CIE _{LCh}	44, 32.793, 2.808
Yxy	13.9824, 0.3997, 0.2944
Android (android.graphics.Color)	4288369255 (0xFF9B5267)
YUV	106.2210, -1.5880, 42.7792
Hunter-Lab	37.3930, 25.1825, 3.1388

Details

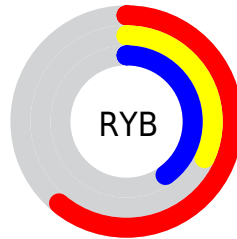
The Yxy color **13.9824, 0.3997, 0.2944** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.9601, 0.2665, 0.3683**, and the grayscale version is **14.4740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.9570, 0.3776, 0.3029**, and **4.1399, 0.4429, 0.2768** is the 20% darker color. If you saturate the color by 10%, you get **11.6962, 0.4295, 0.2883**, and if you desaturate by 10%, it is **16.8274, 0.3743, 0.3016**.

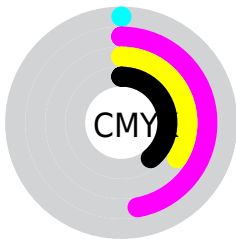
Distribution



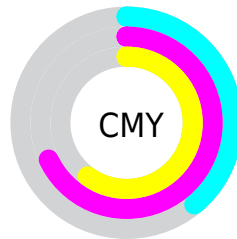
- Red (61%)
- Green (32%)
- Blue (40%)



- Red (61%)
- Yellow (32%)
- Blue (40%)



- Cyan (0%)
- Magenta (47%)
- Yellow (34%)
- Black (39%)



- Cyan (39%)
- Magenta (68%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9824, 0.3997, 0.2944 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 13.9824, 0.3997, 0.2944 by changing the saturation by 10% instead.


 13.9824, 0.3997,
0.2944


 13.9824, 0.3997,
0.2944


217.1213, 0.3476,
0.3154


 8.1084, 0.4169,
0.2874


 33.0578, 0.3781,
0.3032

 4.1644, 0.4422,
0.2768

 47.0280, 0.3708,
0.3061


 1.7659, 0.4834,
0.2594

 64.4658, 0.3650,
0.3084

 0.4658, 0.6033,
0.2147

 85.7554, 0.3603,
0.3103

 0.0000, 1.0000,
0.0000

 111.2814, 0.3563,
0.3119

 0.0000, 0.0000,
0.0000

141.4281, 0.3530,

0.3132

176.5800, 0.3501,
0.3144

■ 13.9824, 0.3997,
0.2944

■ 13.9824, 0.3997,
0.2944

■ 11.6962, 0.4295,
0.2883

■ 16.8274, 0.3743,
0.3016

■ 9.9295, 0.4632,
0.2842

■ 20.2627, 0.3531,
0.3093

■ 8.6413, 0.4993,
0.2832


■ 24.3202, 0.3356,
0.3169


■ 7.7833, 0.5353,
0.2863

■ 29.0286, 0.3213,
0.3241


■ 7.2784, 0.5682,
0.2934


■ 34.4151, 0.3096,
0.3309

 7.1553, 0.5773,
0.2954

 40.5051, 0.3000,
0.3372

 47.3228, 0.2921,
0.3430

 54.8913, 0.2857,
0.3482

 63.2325, 0.2803,
0.3530

Harmonies

Analogous

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



13.9824, 0.3321, 0.2538



13.9824, 0.3997, 0.2944



13.9824, 0.4427, 0.3440

Triad

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



13.9824, 0.3997, 0.2944



13.9824, 0.3493, 0.4546



13.9824, 0.1947, 0.2449

Complementary

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



13.9824, 0.3997, 0.2944



26.9601, 0.2665, 0.3683

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.



13.9824, 0.1980, 0.2917



13.9824, 0.3997, 0.2944



13.9824, 0.2832, 0.4261

Square

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



13.9824, 0.3997, 0.2944



13.9824, 0.4088, 0.4382



13.9824, 0.2286, 0.3605



13.9824, 0.2177, 0.2249

Rectangle

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



13.9824, 0.3997, 0.2944



13.9824, 0.4487, 0.3786



13.9824, 0.2286, 0.3605



13.9824, 0.1928, 0.2575

Sweetspot

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



13.9831, 0.3997, 0.2944



45.8128, 0.3312, 0.3190



13.3966, 0.2881, 0.2073



10.0005, 0.3343, 0.3175



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



13.9831, 0.3997, 0.2944



20.5829, 0.4327, 0.2877



16.0544, 0.4247, 0.3536



6.2504, 0.3241, 0.3226



5.7526, 0.5751, 0.2942



0.0917, 0.4707, 0.2367

Inverse Universe

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



13.9831, 0.3997, 0.2944



20.5829, 0.4327, 0.2877



23.0354, 0.2467, 0.3018



6.2504, 0.3241, 0.3226



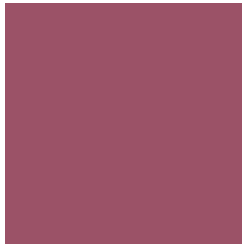
5.7526, 0.5751, 0.2942



0.0917, 0.4707, 0.2367

Previews

White Background



This preview shows how the Yxy color 13.9824, 0.3997, 0.2944 looks on a white background.

Color Contrast Check

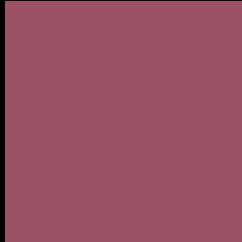
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9824, 0.3997, 0.2944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

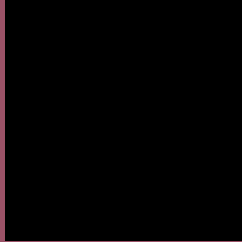
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.9824, 0.3997, 0.2944

Background



This preview shows how black text looks on a background with the Yxy color 13.9824, 0.3997, 0.2944.



This preview shows how white text looks on a background with the Yxy color 13.9824, 0.3997, 0.2944.

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

13.9824, 0.3997, 0.2944

Protanopia

14.1046, 0.2974, 0.3038

Deuteranopia

14.0094, 0.3378, 0.3311



Tritanopia

13.9489, 0.4198, 0.3193

Trichromacy



Original Color

13.9824, 0.3997, 0.2944

Protanomaly

13.7244, 0.3321, 0.2995

Deuteranomaly

13.7703, 0.3602, 0.3157

Tritanomaly

13.8828, 0.4117, 0.3092

Monochromacy



Original Color

13.9824, 0.3997, 0.2944

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

13.8544, 0.3422, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9824, 0.3997, 0.2944 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(155, 82, 103)` looks like.

```
.text, #text, p{  
    color:rgb(155, 82, 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(155, 82, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 82, 103) }
```

Border

The CSS property to change the border of an element to Yxy 13.9824, 0.3997, 0.2944 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(155, 82, 103) }
```

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

```
.border{ border-color:rgb(155, 82, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 82, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 82, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 82, 103);  
box-shadow:4px 4px 4px 4px rgb(155, 82,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9824, 0.3997, 0.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 82, 103) }
```

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

```
.background{ background-color: rgb(155, 82,  
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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