

Converting Colors

$Y_{xy}(14.2273, 0.3654, 0.3050)$

Have a look what the booklet for
Yxy(14.2273, 0.3654, 0.3050)
contains.

Yxy(14.1839, 0.3654, 0.3035)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.1839, 0.3654, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	8B5C6A
RGB	139, 92, 106
RGB Percent	55%, 36%, 42%
CMY	0.4549, 0.6392, 0.5843
CMYK	0.00, 0.34, 0.24, 0.45
HSL	342°, 20%, 45%
HSV	342°, 34%, 55%
XYZ	17.0768, 14.1839, 15.4738
YIQ	107.6490, 23.5180, 14.3180

Conversions

Conversions Part 2

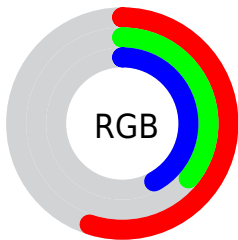
Format	Color
R_{YB}	139, 92, 106
Decimal	9133162
CIE _{Lab}	44.50, 21.38, -0.07
CIE _{LCh}	44, 21.380, 359.820
Yxy	14.1839, 0.3654, 0.3035
Android (android.graphics.Color)	4287323242 (0xFF8B5C6A)
YUV	107.6490, -0.8130, 27.4948
Hunter-Lab	37.6615, 15.0291, 2.0029

Details

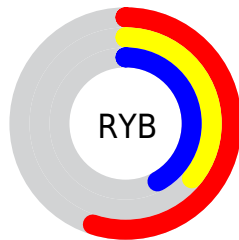
The Yxy color **14.1839, 0.3654, 0.3035** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.2228, 0.2783, 0.3564**, and the grayscale version is **14.8908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4167, 0.3520, 0.3104**, and **4.2672, 0.3919, 0.2907** is the 20% darker color. If you saturate the color by 10%, you get **11.8015, 0.3886, 0.2959**, and if you desaturate by 10%, it is **17.0327, 0.3461, 0.3114**.

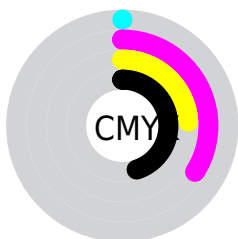
Distribution



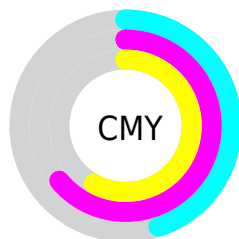
- Red (55%)
- Green (36%)
- Blue (42%)



- Red (55%)
- Yellow (36%)
- Blue (42%)



- Cyan (0%)
- Magenta (34%)
- Yellow (24%)
- Black (45%)





- Cyan (45%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1839, 0.3654, 0.3035 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 14.1839, 0.3654, 0.3035 by changing the saturation by 10% instead.


 14.1839, 0.3654,
0.3035


 14.1839, 0.3654,
0.3035


218.3719, 0.3339,
0.3187

 8.2487, 0.3758,
0.2985


 33.4150, 0.3523,
0.3098


 4.2545, 0.3912,
0.2910

 47.4796, 0.3480,
0.3119

 1.8169, 0.4165,
0.2788

 65.0229, 0.3445,
0.3136

 0.4977, 0.4903,
0.2429

 86.4291, 0.3416,
0.3150

 0.0000, 0.0000,
0.0000

112.0827, 0.3392,
0.3162

142.3681, 0.3372,

0.3172

177.6697, 0.3354,
0.3180

■ 14.1839, 0.3654,
0.3035

■ 14.1839, 0.3654,
0.3035

■ 11.8015, 0.3886,
0.2959

■ 17.0327, 0.3461,
0.3114

■ 9.8585, 0.4160,
0.2890

■ 20.3689, 0.3301,
0.3190

■ 8.3282, 0.4475,
0.2838


■ 24.2148, 0.3171,
0.3263

■ 7.1802, 0.4820,
0.2813


■ 28.5906, 0.3063,
0.3332

■ 6.3799, 0.5176,
0.2825

■ 33.5155, 0.2976,
0.3394

 5.8849, 0.5514,
0.2881

 39.0076, 0.2903,
0.3452

 5.6523, 0.5713,
0.2921

 45.0844, 0.2844,
0.3504

 51.7624, 0.2794,
0.3552

 59.0576, 0.2753,
0.3596

Harmonies

Analogous

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



14.1839, 0.3217, 0.2756



14.1839, 0.3654, 0.3035



14.1839, 0.3951, 0.3382

Triad

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



14.1839, 0.3654, 0.3035



14.1839, 0.3432, 0.4092



14.1839, 0.2318, 0.2767

Complementary

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



14.1839, 0.3654, 0.3035



22.2228, 0.2783, 0.3564

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.



14.1839, 0.2367, 0.3107



14.1839, 0.3654, 0.3035



14.1839, 0.2992, 0.3925

Square

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



14.1839, 0.3654, 0.3035



14.1839, 0.3807, 0.4003



14.1839, 0.2606, 0.3544



14.1839, 0.2464, 0.2594

Rectangle

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



14.1839, 0.3654, 0.3035



14.1839, 0.4016, 0.3620



14.1839, 0.2606, 0.3544



14.1839, 0.2312, 0.2864

Sweetspot

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



14.1846, 0.3654, 0.3035



38.8444, 0.3251, 0.3217



13.8715, 0.2970, 0.2433



8.7589, 0.3268, 0.3208



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



14.1846, 0.3654, 0.3035



21.8907, 0.3838, 0.2973



15.6477, 0.3825, 0.3465



5.0715, 0.3237, 0.3225



5.1038, 0.5702, 0.2915



0.0362, 0.4649, 0.2335

Inverse Universe

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



14.1846, 0.3654, 0.3035



21.8907, 0.3838, 0.2973



19.9998, 0.2641, 0.3106



5.0715, 0.3237, 0.3225



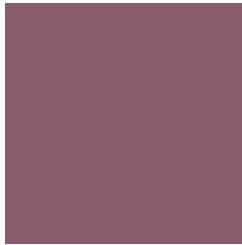
5.1038, 0.5702, 0.2915



0.0362, 0.4649, 0.2335

Previews

White Background



This preview shows how the Yxy color 14.1839, 0.3654, 0.3035 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 14.1839, 0.3654, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

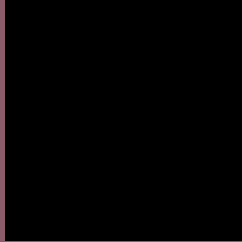
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1839, 0.3654, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 14.1839, 0.3654, 0.3035.



This preview shows how white text looks on a background with the Yxy color 14.1839, 0.3654, 0.3035.

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

14.1839, 0.3654, 0.3035

Protanopia

14.3213, 0.3013, 0.3101

Deuteranopia

14.2152, 0.3304, 0.3249



Tritanopia

14.1521, 0.3730, 0.3162

Trichromacy



Original Color

14.1839, 0.3654, 0.3035

Protanomaly

14.0439, 0.3225, 0.3068

Deuteranomaly

14.0404, 0.3419, 0.3152

Tritanomaly

14.1913, 0.3698, 0.3125

Monochromacy



Original Color

14.1839, 0.3654, 0.3035

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.4862, 0.3306, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1839, 0.3654, 0.3035 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(139, 92, 106)` looks like.

```
.text, #text, p{  
    color:rgb(139, 92, 106)  
}
```

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(139, 92, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 92, 106) }
```

Border

The CSS property to change the border of an element to Yxy 14.1839, 0.3654, 0.3035 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(139, 92, 106) }
```

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

```
.border{ border-color:rgb(139, 92, 106) }
```

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

Here you see how a box with a 4 pixel rgb(139, 92, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 92, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 92, 106);  
box-shadow:4px 4px 4px 4px rgb(139, 92,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1839, 0.3654, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 92, 106) }
```

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

```
.background{ background-color: rgb(139, 92,  
106) }
```

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