

Converting Colors

$Y_{xy}(13.4345, 0.3642, 0.2915)$

Have a look what the booklet for
Yxy(13.4345, 0.3642, 0.2915)
contains.

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Color

Yxy(13.3881, 0.3641, 0.2908)

Conversions

Conversions Part 1

Format	Color
Hex	8B576C
RGB	139, 87, 108
RGB Percent	55%, 34%, 42%
CMY	0.4549, 0.6588, 0.5765
CMYK	0.00, 0.37, 0.22, 0.45
HSL	336°, 23%, 44%
HSV	336°, 37%, 55%
XYZ	16.7627, 13.3881, 15.8880
YIQ	104.9420, 24.2510, 17.5550

Conversions

Conversions Part 2

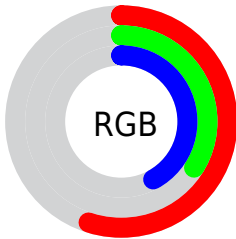
Format	Color
R_{YB}	139, 87, 108
Decimal	9131884
CIE Lab	43.34, 24.61, -2.98
CIE LCh	43, 24.790, 353.099
Yxy	13.3881, 0.3641, 0.2908
Android (android.graphics.Color)	4287321964 (0xFF8B576C)
YUV	104.9420, 1.5076, 29.8689
Hunter-Lab	36.5898, 17.7436, -0.1321

Details

The Yxy color **13.3881, 0.3641, 0.2908** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.8005, 0.2799, 0.3713**, and the grayscale version is **14.1014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.1495, 0.3521, 0.3011**, and **3.8807, 0.3872, 0.2717** is the 20% darker color. If you saturate the color by 10%, you get **11.1823, 0.3846, 0.2807**, and if you desaturate by 10%, it is **16.0454, 0.3467, 0.3014**.

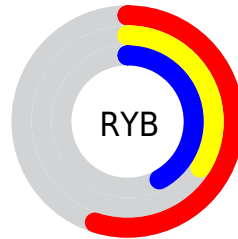
Distribution



Red (55%)

Green (34%)

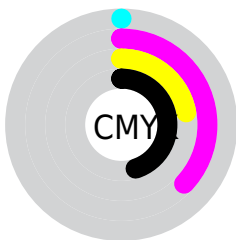
Blue (42%)



Red (55%)

Yellow (34%)

Blue (42%)

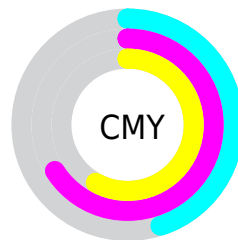


Cyan (0%)

Magenta (37%)

Yellow (22%)

Black (45%)



Cyan (45%)


Magenta (66%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.3881, 0.3641, 0.2908 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 13.3881, 0.3641, 0.2908 by changing the saturation by 10% instead.


 13.3881, 0.3641,
0.2908


 13.3881, 0.3641,
0.2908


213.3902, 0.3334,
0.3134


 7.6963, 0.3742,
0.2835


 31.9993, 0.3513,
0.3001


 3.9013, 0.3893,
0.2728

 45.6875, 0.3471,
0.3032


 1.6185, 0.4141,
0.2556

 62.8100, 0.3437,
0.3058

 0.3700, 0.4939,
0.1909

 83.7511, 0.3409,
0.3078

 0.0000, 0.0000,
0.0000

 108.8953, 0.3385,
0.3096

138.6270, 0.3365,

0.3110

173.3305, 0.3348,
0.3123

■ 13.3881, 0.3641,
0.2908

■ 13.3881, 0.3641,
0.2908

■ 11.1823, 0.3846,
0.2807

■ 16.0454, 0.3467,
0.3014

■ 9.4006, 0.4084,
0.2717

■ 19.1756, 0.3323,
0.3118

■ 8.0158, 0.4353,
0.2650


■ 22.8013, 0.3202,
0.3219

■ 6.9962, 0.4643,
0.2617


■ 26.9429, 0.3103,
0.3314

■ 6.3059, 0.4941,
0.2628

■ 31.6195, 0.3021,
0.3402

 5.8757, 0.5231,
0.2683

 36.8496, 0.2954,
0.3483

 5.7760, 0.5307,
0.2697

 42.6504, 0.2898,
0.3558

 49.0387, 0.2851,
0.3626

 56.0304, 0.2813,
0.3689

Harmonies

Analogous

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



13.3881, 0.3108, 0.2614



13.3881, 0.3641, 0.2908



13.3881, 0.4046, 0.3295

Triad

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



13.3881, 0.3641, 0.2908



13.3881, 0.3590, 0.4242



13.3881, 0.2178, 0.2743

Complementary

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



13.3881, 0.3641, 0.2908



21.8005, 0.2799, 0.3713

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.



13.3881, 0.2282, 0.3177



13.3881, 0.3641, 0.2908



13.3881, 0.3076, 0.4123

Square

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



13.3881, 0.3641, 0.2908



13.3881, 0.3999, 0.4063



13.3881, 0.2601, 0.3706



13.3881, 0.2296, 0.2502

Rectangle

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



13.3881, 0.3641, 0.2908



13.3881, 0.4168, 0.3572



13.3881, 0.2601, 0.3706



13.3881, 0.2187, 0.2868

Sweetspot

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



13.3887, 0.3641, 0.2908



38.2378, 0.3246, 0.3181



12.4862, 0.2863, 0.2314



8.6336, 0.3260, 0.3169



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.



13.3887, 0.3641, 0.2908



20.5423, 0.3815, 0.2821



13.7171, 0.3968, 0.3373



5.0799, 0.3222, 0.3202



5.2161, 0.5296, 0.2691



0.0374, 0.4294, 0.2139

Inverse Universe

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



13.3887, 0.3641, 0.2908



20.5423, 0.3815, 0.2821



21.1264, 0.2610, 0.3204



5.0799, 0.3222, 0.3202



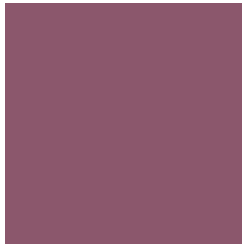
5.2161, 0.5296, 0.2691



0.0374, 0.4294, 0.2139

Previews

White Background



This preview shows how the Yxy color 13.3881, 0.3641, 0.2908 looks on a white background.

Color Contrast Check

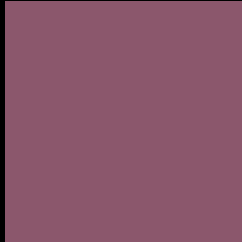
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.3881, 0.3641, 0.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

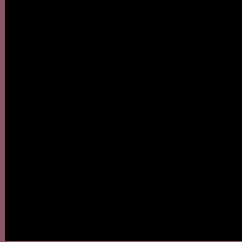
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.3881, 0.3641, 0.2908

Background



This preview shows how black text looks on a background with the Yxy color 13.3881, 0.3641, 0.2908.



This preview shows how white text looks on a background with the Yxy color 13.3881, 0.3641, 0.2908.

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

13.3881, 0.3641, 0.2908

Protanopia

13.4964, 0.2908, 0.2969

Deuteranopia

13.5345, 0.3206, 0.3164



Tritanopia

13.3926, 0.3816, 0.3162

Trichromacy



Original Color

13.3881, 0.3641, 0.2908

Protanomaly

13.3417, 0.3143, 0.2943

Deuteranomaly

13.3109, 0.3352, 0.3049

Tritanomaly

13.3028, 0.3754, 0.3069

Monochromacy



Original Color

13.3881, 0.3641, 0.2908

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.5579, 0.3299, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.3881, 0.3641, 0.2908 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, 87, 108)` looks like.

```
.text, #text, p{  
    color:rgb(139, 87, 108)  
}
```

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, 87, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 87, 108) }
```

Border

The CSS property to change the border of an element to Yxy 13.3881, 0.3641, 0.2908 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, 87, 108) }
```

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

```
.border{ border-color:rgb(139, 87, 108) }
```

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

Here you see how a box with a 4 pixel rgb(139, 87, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 87, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 87, 108);  
box-shadow:4px 4px 4px 4px rgb(139, 87,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 13.3881, 0.3641, 0.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 87, 108) }
```

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

```
.background{ background-color: rgb(139, 87,  
108) }
```

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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