

Converting Colors

$Y_{xy}(13.8133, 0.3563, 0.2877)$

Have a look what the booklet for
Yxy(13.8133, 0.3563, 0.2877)
contains.

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Color

Yxy(13.8036, 0.3569, 0.2873)

Conversions

Conversions Part 1

Format	Color
Hex	8B5970
RGB	139, 89, 112
RGB Percent	55%, 35%, 44%
CMY	0.4548, 0.6510, 0.5607
CMYK	0.00, 0.36, 0.19, 0.45
HSL	332°, 22%, 45%
HSV	332°, 36%, 55%
XYZ	17.1476, 13.8036, 17.0947
YIQ	106.5720, 22.4170, 17.7530

Conversions

Conversions Part 2

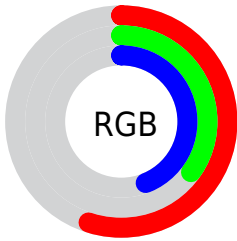
Format	Color
R _Y B	139, 89, 112
Decimal	9132400
CIE Lab	43.95, 24.12, -4.53
CIE LCh	44, 24.543, 349.359
Yxy	13.8036, 0.3569, 0.2873
Android (android.graphics.Color)	4287322480 (0xFF8B5970)
YUV	106.5720, 2.6760, 28.4394
Hunter-Lab	37.1532, 17.3664, -1.2730

Details

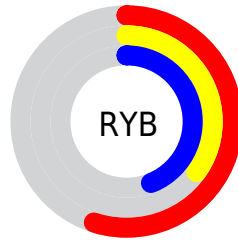
The Yxy color **13.8036, 0.3569, 0.2873** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.8551, 0.2835, 0.3753**, and the grayscale version is **14.5669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.7740, 0.3452, 0.2972**, and **4.1008, 0.3797, 0.2695** is the 20% darker color. If you saturate the color by 10%, you get **11.5449, 0.3748, 0.2757**, and if you desaturate by 10%, it is **16.5144, 0.3417, 0.2993**.

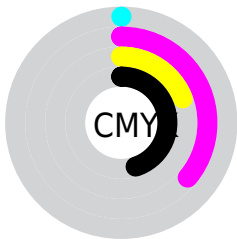
Distribution



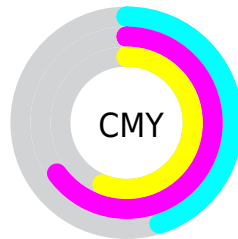
- Red (55%)
- Green (35%)
- Blue (44%)



- Red (55%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (36%)
- Yellow (19%)
- Black (45%)





- Cyan (45%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.8036, 0.3569, 0.2873 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 13.8036, 0.3569, 0.2873 by changing the saturation by 10% instead.


 13.8036, 0.3569,
0.2873


 13.8036, 0.3569,
0.2873


216.0056, 0.3307,
0.3117


 7.9842, 0.3654,
0.2796


 32.7401, 0.3461,
0.2973


 4.0848, 0.3779,
0.2683

 46.6261, 0.3425,
0.3006

 1.7211, 0.3982,
0.2506

 63.9696, 0.3395,
0.3034

 0.4373, 0.4521,
0.1947

 85.1552, 0.3371,
0.3056

 0.0000, 0.0000,
0.0000

 110.5672, 0.3351,
0.3075

140.5900, 0.3334,

0.3091

175.6080, 0.3320,
0.3105

■ 13.8036, 0.3569,
0.2873

■ 13.8036, 0.3569,
0.2873

■ 11.5449, 0.3748,
0.2757

■ 16.5144, 0.3417,
0.2993

■ 9.7115, 0.3956,
0.2652

■ 19.6986, 0.3289,
0.3111

■ 8.2764, 0.4190,
0.2568


■ 23.3781, 0.3182,
0.3225


■ 7.2090, 0.4444,
0.2517


■ 27.5732, 0.3094,
0.3332

■ 6.4740, 0.4708,
0.2510

■ 32.3028, 0.3020,
0.3432


 6.0170, 0.4969,
0.2550

 37.5851, 0.2960,
0.3524

 5.8606, 0.5076,
0.2570

 43.4371, 0.2909,
0.3608

 49.8755, 0.2868,
0.3686

 56.9159, 0.2833,
0.3757

Harmonies

Analogous

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



13.8036, 0.3044, 0.2599



13.8036, 0.3569, 0.2873



13.8036, 0.3991, 0.3246

Triad

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



13.8036, 0.3569, 0.2873



13.8036, 0.3640, 0.4215



13.8036, 0.2195, 0.2798

Complementary

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



13.8036, 0.3569, 0.2873



21.8551, 0.2835, 0.3753

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.



13.8036, 0.2326, 0.3243



13.8036, 0.3569, 0.2873



13.8036, 0.3142, 0.4137

Square

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



13.8036, 0.3569, 0.2873



13.8036, 0.4018, 0.4013



13.8036, 0.2663, 0.3759



13.8036, 0.2285, 0.2535

Rectangle

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



13.8036, 0.3569, 0.2873



13.8036, 0.4135, 0.3518



13.8036, 0.2663, 0.3759



13.8036, 0.2214, 0.2929

Sweetspot

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



13.8042, 0.3569, 0.2873



38.2803, 0.3236, 0.3166



12.6986, 0.2842, 0.2344



8.6443, 0.3248, 0.3153



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.



13.8042, 0.3569, 0.2873



21.4348, 0.3709, 0.2780



13.6358, 0.3940, 0.3323



5.0844, 0.3214, 0.3190



5.2913, 0.5066, 0.2564



0.0381, 0.4136, 0.2052

Inverse Universe

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



13.8042, 0.3569, 0.2873



21.4348, 0.3709, 0.2780



21.9796, 0.2634, 0.3256



5.0844, 0.3214, 0.3190



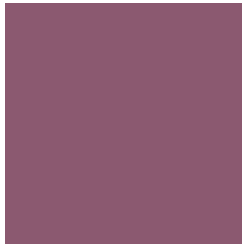
5.2913, 0.5066, 0.2564



0.0381, 0.4136, 0.2052

Previews

White Background



This preview shows how the Yxy color 13.8036, 0.3569, 0.2873 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 13.8036, 0.3569, 0.2873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

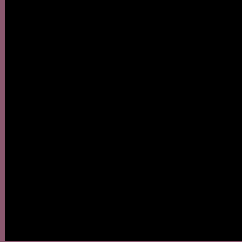
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.8036, 0.3569, 0.2873

Background



This preview shows how black text looks on a background with the Yxy color 13.8036, 0.3569, 0.2873.



This preview shows how white text looks on a background with the Yxy color 13.8036, 0.3569, 0.2873.

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

13.8036, 0.3569, 0.2873

Protanopia

13.8477, 0.2874, 0.2912

Deuteranopia

13.8779, 0.3165, 0.3104



Tritanopia

13.7673, 0.3773, 0.3162

Trichromacy



Original Color

13.8036, 0.3569, 0.2873

Protanomaly

13.6882, 0.3103, 0.2888

Deuteranomaly

13.8347, 0.3304, 0.3013

Tritanomaly

13.6949, 0.3695, 0.3051

Monochromacy



Original Color

13.8036, 0.3569, 0.2873

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.1404, 0.3282, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.8036, 0.3569, 0.2873 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, 89, 112)` looks like.

```
.text, #text, p{  
    color:rgb(139, 89, 112)  
}
```

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, 89, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 89, 112) }
```

Border

The CSS property to change the border of an element to Yxy 13.8036, 0.3569, 0.2873 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, 89, 112) }
```

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

```
.border{ border-color:rgb(139, 89, 112) }
```

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

Here you see how a box with a 4 pixel rgb(139, 89, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 89, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 89, 112);  
box-shadow:4px 4px 4px 4px rgb(139, 89,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 13.8036, 0.3569, 0.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 89, 112) }
```

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

```
.background{ background-color: rgb(139, 89,  
112) }
```

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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