

Converting Colors

$Y_{xy}(13.7784, 0.3462, 0.2846)$

Have a look what the booklet for
Yxy(13.7784, 0.3462, 0.2846)
contains.

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Color

Yxy(13.8709, 0.3455, 0.2848)

Conversions

Conversions Part 1

Format	Color
Hex	875B73
RGB	135, 91, 115
RGB Percent	53%, 36%, 45%
CMY	0.4706, 0.6431, 0.5491
CMYK	0.00, 0.33, 0.15, 0.47
HSL	327°, 19%, 44%
HSV	327°, 33%, 53%
XYZ	16.8272, 13.8709, 18.0059
YIQ	106.8920, 18.5200, 16.7920

Conversions

Conversions Part 2

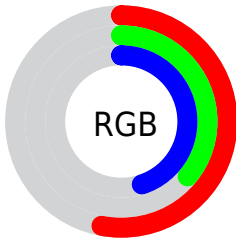
Format	Color
R_{YB}	135, 91, 115
Decimal	8870771
CIE _{Lab}	44.05, 21.93, -6.25
CIE _{LCh}	44, 22.804, 344.098
Yxy	13.8709, 0.3455, 0.2848
Android (android.graphics.Color)	4287060851 (0xFF875B73)
YUV	106.8920, 3.9972, 24.6507
Hunter-Lab	37.2437, 15.4725, -2.5939

Details

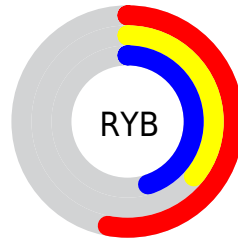
The Yxy color **13.8709, 0.3455, 0.2848** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.7020, 0.2895, 0.3781**, and the grayscale version is **14.6567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.9548, 0.3374, 0.2955**, and **4.0914, 0.3601, 0.2645** is the 20% darker color. If you saturate the color by 10%, you get **11.6305, 0.3596, 0.2710**, and if you desaturate by 10%, it is **16.5373, 0.3334, 0.2988**.

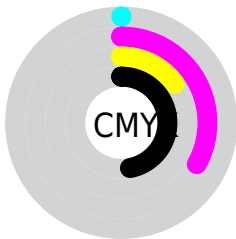
Distribution



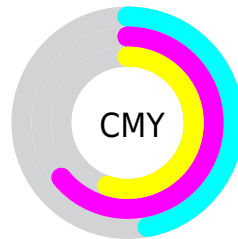
- Red (53%)
- Green (36%)
- Blue (45%)



- Red (53%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (15%)
- Black (47%)





- Cyan (47%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.8709, 0.3455, 0.2848 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 13.8709, 0.3455, 0.2848 by changing the saturation by 10% instead.


 13.8709, 0.3455,
0.2848

 13.8709, 0.3455,
0.2848


216.4262, 0.3262,
0.3105


 8.0309, 0.3517,
0.2767

 32.8598, 0.3376,
0.2952

 4.1147, 0.3607,
0.2651

 46.7775, 0.3349,
0.2988


 1.7380, 0.3751,
0.2468

 64.1566, 0.3328,
0.3017

 0.4481, 0.4133,
0.1915

 85.3814, 0.3310,
0.3041

 0.0000, 0.0000,
0.0000

 110.8364, 0.3295,
0.3061

140.9059, 0.3283,

0.3078

175.9744, 0.3272,
0.3093

■ 13.8709, 0.3455,
0.2848

■ 13.8709, 0.3455,
0.2848

■ 11.6305, 0.3596,
0.2710

■ 16.5373, 0.3334,
0.2988

■ 9.7917, 0.3758,
0.2581

■ 19.6486, 0.3232,
0.3126

■ 8.3306, 0.3940,
0.2470


■ 23.2247, 0.3147,
0.3257


■ 7.2199, 0.4140,
0.2388


■ 27.2841, 0.3075,
0.3381


■ 6.4286, 0.4349,
0.2346


■ 31.8439, 0.3016,
0.3496


 5.9204, 0.4561,
0.2352

 36.9205, 0.2966,
0.3603

 5.6402, 0.4720,
0.2374

 42.5297, 0.2925,
0.3701

 48.6864, 0.2891,
0.3791

 55.4050, 0.2862,
0.3873

Harmonies

Analogous

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



13.8709, 0.2968, 0.2612



13.8709, 0.3455, 0.2848



13.8709, 0.3873, 0.3186

Triad

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



13.8709, 0.3455, 0.2848



13.8709, 0.3680, 0.4132



13.8709, 0.2264, 0.2897

Complementary

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



13.8709, 0.3455, 0.2848



20.7020, 0.2895, 0.3781

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.



13.8709, 0.2423, 0.3333



13.8709, 0.3455, 0.2848



13.8709, 0.3228, 0.4106

Square

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



13.8709, 0.3455, 0.2848



13.8709, 0.3997, 0.3915



13.8709, 0.2769, 0.3799



13.8709, 0.2312, 0.2617

Rectangle

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



13.8709, 0.3455, 0.2848



13.8709, 0.4038, 0.3440



13.8709, 0.2769, 0.3799



13.8709, 0.2294, 0.3029

Sweetspot

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



13.8715, 0.3455, 0.2848



36.6244, 0.3211, 0.3157



12.5989, 0.2826, 0.2431



8.3081, 0.3222, 0.3141



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



13.8715, 0.3455, 0.2848



21.8446, 0.3556, 0.2747



13.4280, 0.3805, 0.3250



4.7280, 0.3201, 0.3172



5.2032, 0.4714, 0.2370



0.0195, 0.3929, 0.1938

Inverse Universe

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



13.8715, 0.3455, 0.2848



21.8446, 0.3556, 0.2747



21.2419, 0.2698, 0.3332



4.7280, 0.3201, 0.3172



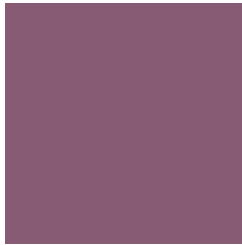
5.2032, 0.4714, 0.2370



0.0195, 0.3929, 0.1938

Previews

White Background



This preview shows how the Yxy color 13.8709, 0.3455, 0.2848 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 13.8709, 0.3455, 0.2848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

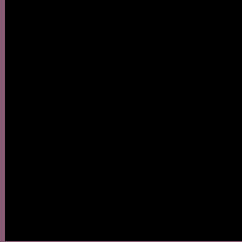
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.8709, 0.3455, 0.2848

Background



This preview shows how black text looks on a background with the Yxy color 13.8709, 0.3455, 0.2848.



This preview shows how white text looks on a background with the Yxy color 13.8709, 0.3455, 0.2848.

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

13.8709, 0.3455, 0.2848

Protanopia

14.0974, 0.2852, 0.2894

Deuteranopia

13.8791, 0.3110, 0.3042



Tritanopia

13.9315, 0.3633, 0.3158

Trichromacy



Original Color

13.8709, 0.3455, 0.2848

Protanomaly

13.7905, 0.3048, 0.2866

Deuteranomaly

13.7574, 0.3232, 0.2952

Tritanomaly

13.9376, 0.3573, 0.3047

Monochromacy



Original Color

13.8709, 0.3455, 0.2848

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.2151, 0.3237, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.8709, 0.3455, 0.2848 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(135, 91, 115)` looks like.

```
.text, #text, p{  
    color:rgb(135, 91, 115)  
}
```

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(135, 91, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 91, 115) }
```

Border

The CSS property to change the border of an element to Yxy 13.8709, 0.3455, 0.2848 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(135, 91, 115) }
```

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

```
.border{ border-color:rgb(135, 91, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 91, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 91, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 91, 115);  
box-shadow:4px 4px 4px 4px rgb(135, 91,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 13.8709, 0.3455, 0.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 91, 115) }
```

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

```
.background{ background-color: rgb(135, 91,  
115) }
```

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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