

Converting Colors

$Y_{xy}(13.7293, 0.3448, 0.2969)$

Have a look what the booklet for
Yxy(13.7293, 0.3448, 0.2969)
contains.

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Color

Yxy(13.7003, 0.3450, 0.2966)

Conversions

Conversions Part 1

Format	Color
Hex	825D6E
RGB	130, 93, 110
RGB Percent	51%, 36%, 43%
CMY	0.4901, 0.6353, 0.5686
CMYK	0.00, 0.28, 0.15, 0.49
HSL	332°, 17%, 44%
HSV	332°, 28%, 51%
XYZ	15.9360, 13.7003, 16.5549
YIQ	106.0010, 16.5950, 13.1310

Conversions

Conversions Part 2

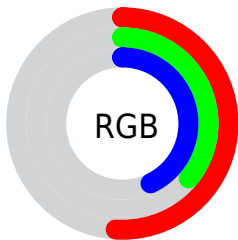
Format	Color
R_{YB}	130, 93, 110
Decimal	8543598
CIE _{Lab}	43.80, 17.95, -3.64
CIE _{LCh}	44, 18.315, 348.528
Yxy	13.7003, 0.3450, 0.2966
Android (android.graphics.Color)	4286733678 (0xFF825D6E)
YUV	106.0010, 1.9715, 21.0471
Hunter-Lab	37.0139, 12.0769, -0.6084

Details

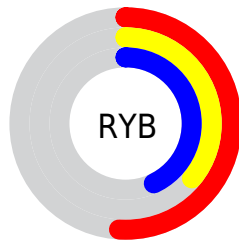
The Yxy color **13.7003, 0.3450, 0.2966** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.4884, 0.2891, 0.3640**, and the grayscale version is **14.4049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.6224, 0.3360, 0.3042**, and **4.0183, 0.3597, 0.2789** is the 20% darker color. If you saturate the color by 10%, you get **11.4623, 0.3608, 0.2847**, and if you desaturate by 10%, it is **16.3398, 0.3317, 0.3084**.

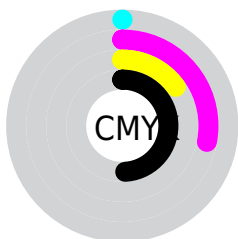
Distribution



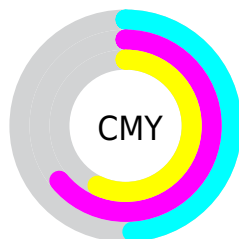
- Red (51%)
- Green (36%)
- Blue (43%)



- Red (51%)
- Yellow (36%)
- Blue (43%)



- Cyan (0%)
- Magenta (28%)
- Yellow (15%)
- Black (49%)




- Cyan (49%)
- Magenta (64%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.7003, 0.3450, 0.2966 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 13.7003, 0.3450, 0.2966 by changing the saturation by 10% instead.


 13.7003, 0.3450,
0.2966


 13.7003, 0.3450,
0.2966


215.3583, 0.3258,
0.3157


 7.9125, 0.3513,
0.2905


 32.5563, 0.3371,
0.3044


 4.0390, 0.3606,
0.2815

 46.3933, 0.3344,
0.3071

 1.6954, 0.3758,
0.2671

 63.6822, 0.3323,
0.3092

 0.4207, 0.4251,
0.2134

 84.8073, 0.3305,
0.3110

 0.0000, 0.0000,
0.0000

110.1531, 0.3290,
0.3124

140.1039, 0.3278,

0.3137

175.0442, 0.3267,
0.3148

■ 13.7003, 0.3450,
0.2966

■ 13.7003, 0.3450,
0.2966

■ 11.4623, 0.3608,
0.2847

■ 16.3398, 0.3317,
0.3084

■ 9.6039, 0.3793,
0.2734

■ 19.3974, 0.3206,
0.3198

■ 8.1043, 0.4005,
0.2633

■ 22.8910, 0.3114,
0.3306

■ 6.9395, 0.4243,
0.2556

■ 26.8371, 0.3038,
0.3407

■ 6.0828, 0.4499,
0.2514

■ 31.2512, 0.2974,
0.3500

■ 5.5033, 0.4763,
0.2516

■ 36.1479, 0.2922,
0.3586

■ 5.1246, 0.5025,
0.2558

■ 41.5415, 0.2878,
0.3664

■ 5.0700, 0.5066,
0.2564

■ 47.4454, 0.2842,
0.3737

■ 53.8727, 0.2811,
0.3803

Harmonies

Analogous

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



13.7003, 0.3059, 0.2754



13.7003, 0.3450, 0.2966



13.7003, 0.3764, 0.3257

Triad

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



13.7003, 0.3450, 0.2966



13.7003, 0.3531, 0.3978



13.7003, 0.2414, 0.2936

Complementary

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



13.7003, 0.3450, 0.2966



19.4884, 0.2891, 0.3640

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.



13.7003, 0.2524, 0.3273



13.7003, 0.3450, 0.2966



13.7003, 0.3157, 0.3915

Square

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



13.7003, 0.3450, 0.2966



13.7003, 0.3806, 0.3839



13.7003, 0.2791, 0.3646



13.7003, 0.2480, 0.2723

Rectangle

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



13.7003, 0.3450, 0.2966



13.7003, 0.3877, 0.3468



13.7003, 0.2791, 0.3646



13.7003, 0.2432, 0.3037

Sweetspot

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



13.7009, 0.3450, 0.2966



33.7322, 0.3214, 0.3190



12.9339, 0.2915, 0.2561



7.4761, 0.3227, 0.3176



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



13.7009, 0.3450, 0.2966



21.5600, 0.3546, 0.2891



13.5839, 0.3712, 0.3316



4.3746, 0.3213, 0.3191



4.8616, 0.5062, 0.2562



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.7009, 0.3450, 0.2966



21.5600, 0.3546, 0.2891



19.5815, 0.2728, 0.3264



4.3746, 0.3213, 0.3191



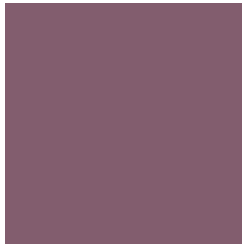
4.8616, 0.5062, 0.2562



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 13.7003, 0.3450, 0.2966 looks on a white background.

Color Contrast Check

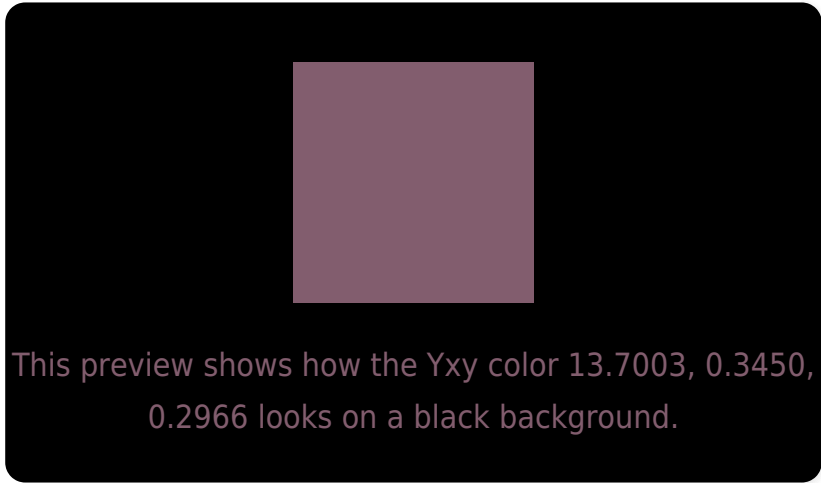
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

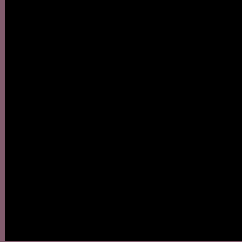
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.7003, 0.3450, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 13.7003, 0.3450, 0.2966.



This preview shows how white text looks on a background with the Yxy color 13.7003, 0.3450, 0.2966.

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

13.7003, 0.3450, 0.2966

Protanopia

13.7862, 0.2947, 0.3014

Deuteranopia

13.8562, 0.3178, 0.3124



Tritanopia

13.6318, 0.3555, 0.3136

Trichromacy



Original Color

13.7003, 0.3450, 0.2966

Protanomaly

13.5833, 0.3113, 0.2982

Deuteranomaly

13.7614, 0.3286, 0.3069

Tritanomaly

13.6925, 0.3508, 0.3078

Monochromacy



Original Color

13.7003, 0.3450, 0.2966

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.0137, 0.3249, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.7003, 0.3450, 0.2966 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(130, 93, 110)` looks like.

```
.text, #text, p{  
    color:rgb(130, 93, 110)  
}
```

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(130, 93, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 93, 110) }
```

Border

The CSS property to change the border of an element to Yxy 13.7003, 0.3450, 0.2966 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(130, 93, 110) }
```

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

```
.border{ border-color:rgb(130, 93, 110) }
```

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

Here you see how a box with a 4 pixel rgb(130, 93, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 93, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 93, 110);  
box-shadow:4px 4px 4px 4px rgb(130, 93,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 13.7003, 0.3450, 0.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 93, 110) }
```

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

```
.background{ background-color: rgb(130, 93,  
110) }
```

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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