

Converting Colors

$Y_{xy}(13.8994, 0.3638, 0.3342)$

Have a look what the booklet for
Yxy(13.8994, 0.3638, 0.3342)
contains.

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Color

Yxy(13.8696, 0.3635, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	7F615E
RGB	127, 97, 94
RGB Percent	50%, 38%, 37%
CMY	0.5021, 0.6196, 0.6314
CMYK	0.00, 0.24, 0.26, 0.50
HSL	5°, 15%, 43%
HSV	5°, 26%, 50%
XYZ	15.0451, 13.8696, 12.4748
YIQ	105.6280, 18.8430, 5.4270

Conversions

Conversions Part 2

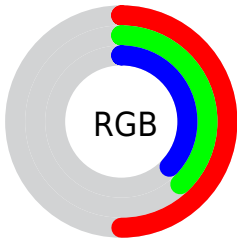
Format	Color
RYB	127, 97, 94
Decimal	8347998
CIELab	44.05, 11.66, 6.39
CIELCh	44, 13.292, 28.729
Yxy	13.8696, 0.3635, 0.3351
Android (android.graphics.Color)	4286538078 (0xFF7F615E)
YUV	105.6280, -5.7326, 18.7432
Hunter-Lab	37.2419, 6.9374, 6.2092

Details

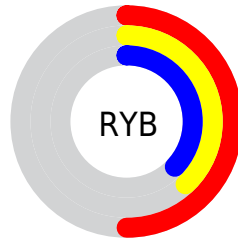
The Yxy color **13.8696, 0.3635, 0.3351** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.3192, 0.2758, 0.3228**, and the grayscale version is **14.3183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.8967, 0.3506, 0.3348**, and **4.0724, 0.3900, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **11.6808, 0.3911, 0.3376**, and if you desaturate by 10%, it is **16.4075, 0.3408, 0.3326**.

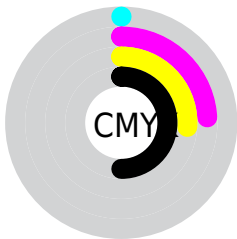
Distribution



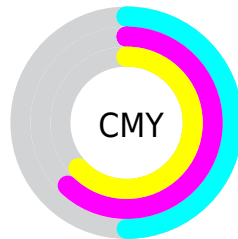
- Red (50%)
- Green (38%)
- Blue (37%)



- Red (50%)
- Yellow (38%)
- Blue (37%)



- Cyan (0%)
- Magenta (24%)
- Yellow (26%)
- Black (50%)





- Cyan (50%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.8696, 0.3635, 0.3351 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 13.8696, 0.3635, 0.3351 by changing the saturation by 10% instead.


 13.8696, 0.3635,
0.3351

 13.8696, 0.3635,
0.3351


216.4181, 0.3328,
0.3319

 8.0300, 0.3738,
0.3359


 32.8575, 0.3507,
0.3339


 4.1142, 0.3893,
0.3367

 46.7746, 0.3464,
0.3335

 1.7376, 0.4152,
0.3373

 64.1529, 0.3430,
0.3331

 0.4478, 0.5923,
0.3735

 85.3770, 0.3402,
0.3328

 0.0000, 0.0000,
0.0000

110.8312, 0.3379,
0.3325

140.8998, 0.3359,

0.3323

175.9673, 0.3343,
0.3321

■ 13.8696, 0.3635,
0.3351

■ 13.8696, 0.3635,
0.3351

■ 11.6808, 0.3911,
0.3376

■ 16.4075, 0.3408,
0.3326

■ 9.8239, 0.4241,
0.3400

■ 19.3067, 0.3222,
0.3303

■ 8.2833, 0.4625,
0.3419

■ 22.5814, 0.3069,
0.3282

■ 7.0413, 0.5050,
0.3430

■ 26.2443, 0.2945,
0.3262

■ 6.0785, 0.5486,
0.3429

■ 30.3076, 0.2842,
0.3244

■ 5.3733, 0.5882,
0.3411

■ 34.7827, 0.2757,
0.3228

■ 4.8991, 0.6190,
0.3382

■ 39.6811, 0.2685,
0.3213

■ 4.7632, 0.6299,
0.3381

■ 45.0132, 0.2626,
0.3200

■ 50.7895, 0.2575,
0.3188

Harmonies

Analogous

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



13.8696, 0.3449, 0.3122



13.8696, 0.3635, 0.3351



13.8696, 0.3678, 0.3576

Triad

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



13.8696, 0.3635, 0.3351



13.8696, 0.3059, 0.3682



13.8696, 0.2698, 0.2848

Complementary

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



13.8696, 0.3635, 0.3351



18.3192, 0.2758, 0.3228

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.



13.8696, 0.2605, 0.2972



13.8696, 0.3635, 0.3351



13.8696, 0.2807, 0.3459

Square

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



13.8696, 0.3635, 0.3351



13.8696, 0.3337, 0.3784



13.8696, 0.2644, 0.3194



13.8696, 0.2903, 0.2839

Rectangle

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



13.8696, 0.3635, 0.3351



13.8696, 0.3619, 0.3695



13.8696, 0.2644, 0.3194



13.8696, 0.2653, 0.2877

Sweetspot

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



13.8702, 0.3635, 0.3351



33.3753, 0.3260, 0.3308



13.9776, 0.3194, 0.2721



7.6483, 0.3283, 0.3311



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.



13.8702, 0.3635, 0.3351



22.5100, 0.3788, 0.3366



17.1821, 0.3560, 0.3663



4.4025, 0.3276, 0.3310



4.8046, 0.6299, 0.3380



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.3192, 0.2758, 0.3228



31.8577, 0.2683, 0.3213



14.5827, 0.2728, 0.2886



4.8219, 0.2993, 0.3270



14.0059, 0.2170, 0.3011



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 13.8696, 0.3635, 0.3351 looks on a white background.

Color Contrast Check

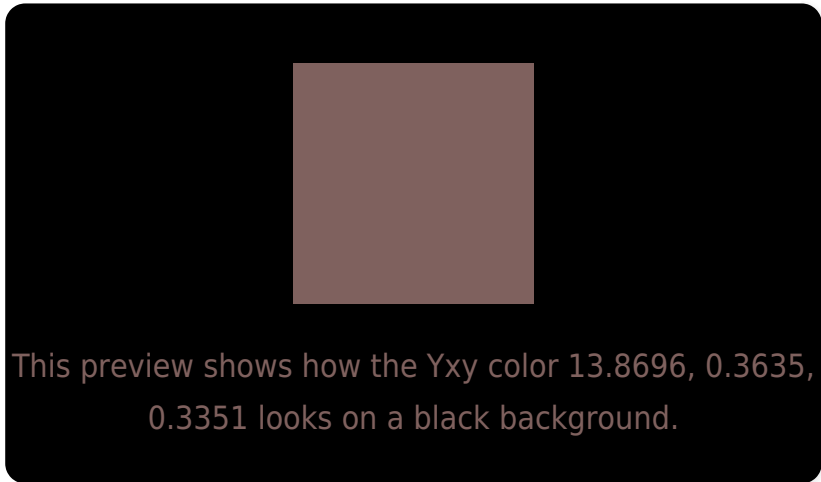
Large Text (above 18pt) WCAG AA ✓ Pass

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

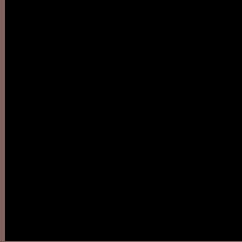
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.8696, 0.3635, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 13.8696, 0.3635, 0.3351.



This preview shows how white text looks on a background with the Yxy color 13.8696, 0.3635, 0.3351.

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

13.8696, 0.3635, 0.3351

Protanopia

13.9706, 0.3265, 0.3419

Deuteranopia

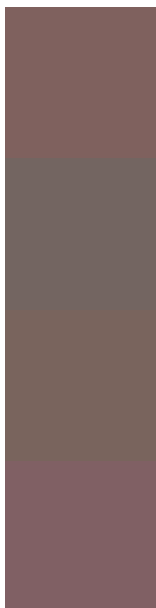
13.9492, 0.3494, 0.3457



Tritanopia

13.9342, 0.3517, 0.3155

Trichromacy



Original Color

13.8696, 0.3635, 0.3351

Protanomaly

13.8153, 0.3391, 0.3374

Deuteranomaly

13.9696, 0.3544, 0.3434

Tritanomaly

13.8750, 0.3563, 0.3213

Monochromacy



Original Color

13.8696, 0.3635, 0.3351

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.2372, 0.3300, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.8696, 0.3635, 0.3351 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(127, 97, 94)` looks like.

```
.text, #text, p{  
  color:rgb(127, 97, 94)  
}
```

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(127, 97, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 97, 94) }
```

Border

The CSS property to change the border of an element to Yxy 13.8696, 0.3635, 0.3351 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(127, 97, 94) }
```

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

```
.border{ border-color:rgb(127, 97, 94) }
```

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

Here you see how a box with a 4 pixel rgb(127, 97, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 97, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 97, 94);  
box-shadow:4px 4px 4px 4px rgb(127, 97,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 13.8696, 0.3635, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 97, 94) }
```

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

```
.background{ background-color: rgb(127, 97,  
94) }
```

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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