

Converting Colors

$Y_{xy}(13.8382, 0.3382, 0.3135)$

Have a look what the booklet for
Yxy(13.8382, 0.3382, 0.3135)
contains.

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Color

Yxy(13.8929, 0.3389, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	7A6269
RGB	122, 98, 105
RGB Percent	48%, 38%, 41%
CMY	0.5216, 0.6157, 0.5883
CMYK	0.00, 0.20, 0.14, 0.52
HSL	343°, 11%, 43%
HSV	343°, 20%, 48%
XYZ	14.9423, 13.8929, 15.2553
YIQ	105.9740, 12.0570, 7.2650

Conversions

Conversions Part 2

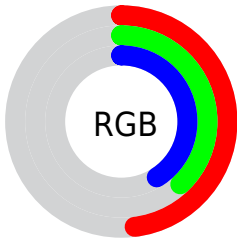
Format	Color
R_{YB}	122, 98, 105
Decimal	8020585
CIE _{Lab}	44.08, 10.89, -0.29
CIE _{LCh}	44, 10.897, 358.465
Yxy	13.8929, 0.3389, 0.3151
Android (android.graphics.Color)	4286210665 (0xFF7A6269)
YUV	105.9740, -0.4802, 14.0548
Hunter-Lab	37.2732, 6.3299, 1.8248

Details

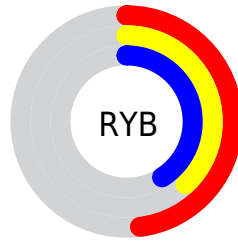
The Yxy color **13.8929, 0.3389, 0.3151** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7525, 0.2919, 0.3434**, and the grayscale version is **14.4045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0092, 0.3328, 0.3191**, and **4.0896, 0.3522, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **11.6129, 0.3566, 0.3076**, and if you desaturate by 10%, it is **16.5403, 0.3243, 0.3224**.

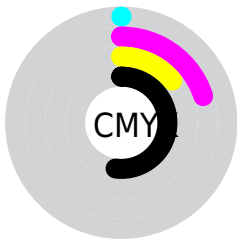
Distribution



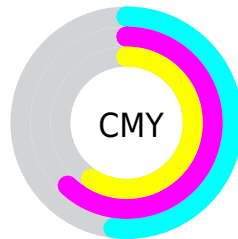
- Red (48%)
- Green (38%)
- Blue (41%)



- Red (48%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (52%)





- Cyan (52%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.8929, 0.3389, 0.3151 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 13.8929, 0.3389, 0.3151 by changing the saturation by 10% instead.


 13.8929, 0.3389,
0.3151


 13.8929, 0.3389,
0.3151

216.5635, 0.3232,
0.3234


 8.0462, 0.3441,
0.3123


 32.8989, 0.3324,
0.3186


 4.1245, 0.3519,
0.3082

 46.8270, 0.3302,
0.3197

 1.7435, 0.3649,
0.3014

 64.2176, 0.3284,
0.3206

 0.4516, 0.4191,
0.2722

 85.4553, 0.3270,
0.3214

 0.0000, 0.0000,
0.0000

110.9243, 0.3258,
0.3220

141.0091, 0.3248,

0.3226

176.0940, 0.3240,
0.3230

■ 13.8929, 0.3389,
0.3151

■ 13.8929, 0.3389,
0.3151

■ 11.6129, 0.3566,
0.3076

■ 16.5403, 0.3243,
0.3224

■ 9.6820, 0.3780,
0.3000

■ 19.5683, 0.3123,
0.3292

■ 8.0836, 0.4033,
0.2930

■ 22.9920, 0.3025,
0.3356

■ 6.7985, 0.4329,
0.2871

■ 26.8250, 0.2944,
0.3414

■ 5.8059, 0.4660,
0.2833

■ 31.0802, 0.2877,
0.3468

■ 5.0822, 0.5013,
0.2826

■ 35.7701, 0.2822,
0.3517

■ 4.6003, 0.5363,
0.2860

■ 40.9064, 0.2776,
0.3562

■ 4.2722, 0.5694,
0.2915

■ 46.5006, 0.2737,
0.3602

■ 4.2614, 0.5706,
0.2917

■ 52.5637, 0.2705,
0.3640

Harmonies

Analogous

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



13.8929, 0.3168, 0.2998



13.8929, 0.3389, 0.3151



13.8929, 0.3541, 0.3341

Triad

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



13.8929, 0.3389, 0.3151



13.8929, 0.3303, 0.3692



13.8929, 0.2696, 0.3032

Complementary

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



13.8929, 0.3389, 0.3151



17.7525, 0.2919, 0.3434

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.



13.8929, 0.2730, 0.3216



13.8929, 0.3389, 0.3151



13.8929, 0.3074, 0.3609

Square

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



13.8929, 0.3389, 0.3151



13.8929, 0.3488, 0.3658



13.8929, 0.2866, 0.3430



13.8929, 0.2772, 0.2927

Rectangle

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



13.8929, 0.3389, 0.3151



13.8929, 0.3580, 0.3468



13.8929, 0.2866, 0.3430



13.8929, 0.2695, 0.3086

Sweetspot

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



13.8935, 0.3389, 0.3151



30.8988, 0.3198, 0.3248



13.7729, 0.3047, 0.2812



7.0074, 0.3204, 0.3245



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



13.8935, 0.3389, 0.3151



22.3938, 0.3472, 0.3114



14.6807, 0.3475, 0.3387



4.0325, 0.3235, 0.3228



4.4858, 0.5712, 0.2920



21.2669, 0.5841, 0.2991

Inverse Universe

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



13.8935, 0.3389, 0.3151



22.3938, 0.3472, 0.3114



16.7704, 0.2841, 0.3190



4.0325, 0.3235, 0.3228



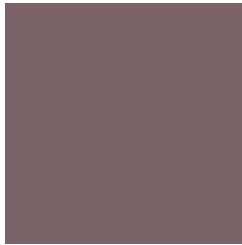
4.4858, 0.5712, 0.2920



21.2669, 0.5841, 0.2991

Previews

White Background



This preview shows how the Yxy color 13.8929, 0.3389, 0.3151 looks on a white background.

Color Contrast Check

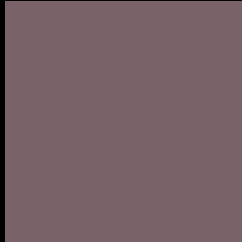
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.8929, 0.3389, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

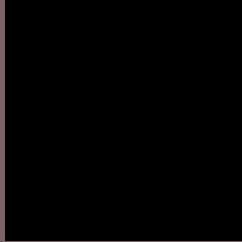
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.8929, 0.3389, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 13.8929, 0.3389, 0.3151.



This preview shows how white text looks on a background with the Yxy color 13.8929, 0.3389, 0.3151.

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

13.8929, 0.3389, 0.3151

Protanopia

13.9866, 0.3089, 0.3205

Deuteranopia

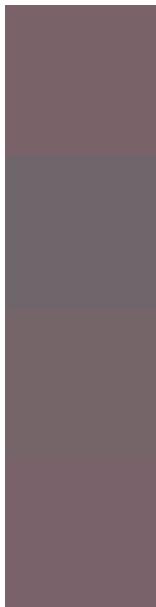
13.8842, 0.3276, 0.3228



Tritanopia

13.9135, 0.3374, 0.3131

Trichromacy



Original Color

13.8929, 0.3389, 0.3151

Protanomaly

13.9438, 0.3190, 0.3186

Deuteranomaly

13.8957, 0.3323, 0.3209

Tritanomaly

13.9135, 0.3374, 0.3131

Monochromacy



Original Color

13.8929, 0.3389, 0.3151

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.1858, 0.3216, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.8929, 0.3389, 0.3151 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(122, 98, 105)` looks like.

```
.text, #text, p{  
  color:rgb(122, 98, 105)  
}
```

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(122, 98, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 98, 105) }
```

Border

The CSS property to change the border of an element to Yxy 13.8929, 0.3389, 0.3151 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(122, 98, 105) }
```

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

```
.border{ border-color:rgb(122, 98, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 98, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 98, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 98, 105); box-shadow:4px 4px 4px 4px rgb(122, 98, 105) }
```


Background

The CSS property to change the background color of an element to Yxy 13.8929, 0.3389, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 98, 105) }
```

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

```
.background{ background-color: rgb(122, 98,  
105) }
```

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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