

Converting Colors

$Yxy(74.4551, 0.3180, 0.3281)$

Have a look what the booklet for
Yxy(74.4551, 0.3180, 0.3281)
contains.

Yxy(74.3933, 0.3177, 0.3280)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.3933, 0.3177, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	E6DEDF
RGB	230, 222, 223
RGB Percent	90%, 87%, 87%
CMY	0.0983, 0.1293, 0.1256
CMYK	0.00, 0.03, 0.03, 0.10
HSL	353°, 14%, 89%
HSV	353°, 3%, 90%
XYZ	72.0572, 74.3933, 80.3584
YIQ	224.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

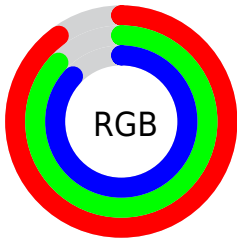
Format	Color
R _Y B	230, 222, 223
Decimal	15130335
CIE Lab	89.11, 2.86, 0.48
CIE LCh	89, 2.902, 9.540
Yxy	74.3933, 0.3177, 0.3280
Android (android.graphics.Color)	4293320415 (0xFFE6DEDF)
YUV	224.5060, -0.7425, 4.8182
Hunter-Lab	86.2516, -1.8159, 5.1371

Details

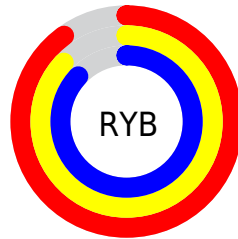
The Yxy color **74.3933, 0.3177, 0.3280** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.7514, 0.3079, 0.3300**, and the grayscale version is **74.9212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5785, 0.3193, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **61.9752, 0.3345, 0.3250**, and if you desaturate by 10%, it is **88.6139, 0.3042, 0.3308**.

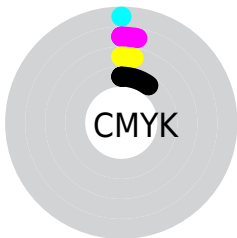
Distribution



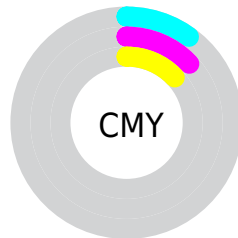
- Red (90%)
- Green (87%)
- Blue (87%)



- Red (90%)
- Yellow (87%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3933, 0.3177, 0.3280 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 74.3933, 0.3177, 0.3280 by changing the saturation by 10% instead.

■ 74.3933, 0.3177,
0.3280

■ 74.3933, 0.3177,
0.3280

475.8297, 0.3154,
0.3285

■ 55.1160, 0.3182,
0.3279

125.4532, 0.3169,
0.3282

■ 39.4946, 0.3189,
0.3278

158.0046, 0.3166,
0.3282

■ 27.1447, 0.3197,
0.3276

195.7494, 0.3163,
0.3283

■ 17.6819, 0.3208,
0.3274

239.0721, 0.3161,
0.3283

■ 10.7219, 0.3222,
0.3271

288.3571, 0.3159,
0.3284

■ 5.8801, 0.3243,
0.3266

343.9888, 0.3157,

■ 2.7723, 0.3277,

0.3284

406.3515, 0.3155,
0.3284

0.3259

1.0141, 0.3336,
0.3246

0.0000, 0.0000,
0.0000

74.3933, 0.3177,
0.3280

74.3933, 0.3177,
0.3280

61.9752, 0.3345,
0.3250

88.6139, 0.3042,
0.3308

51.2784, 0.3554,
0.3217

95.5533, 0.2975,
0.3290

42.2298, 0.3813,
0.3185

34.7474, 0.4129,
0.3154

■ 28.7420, 0.4505,
0.3129

■ 24.1157, 0.4931,
0.3116

■ 20.7583, 0.5379,
0.3120

■ 18.5432, 0.5797,
0.3147

■ 17.3171, 0.6124,
0.3196

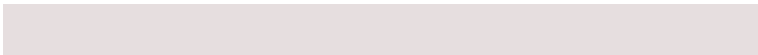
Harmonies

Analogous

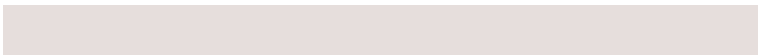
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3933, 0.3147, 0.3252



74.3933, 0.3177, 0.3280



74.3933, 0.3194, 0.3311

Triad

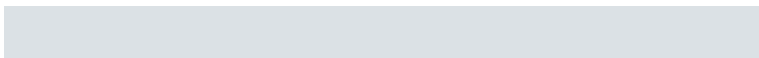
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3933, 0.3177, 0.3280



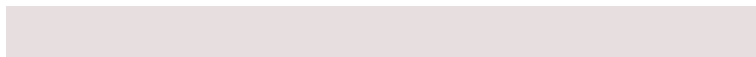
74.3933, 0.3142, 0.3347



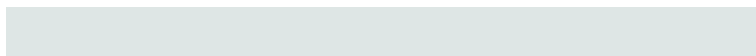
74.3933, 0.3063, 0.3244

Complementary

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



74.3933, 0.3177, 0.3280



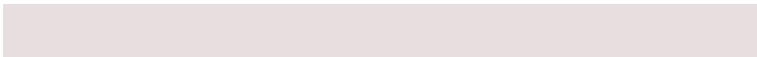
77.7514, 0.3079, 0.3300

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.



74.3933, 0.3061, 0.3269



74.3933, 0.3177, 0.3280



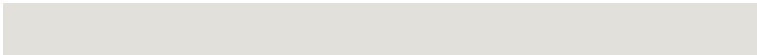
74.3933, 0.3107, 0.3329

Square

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



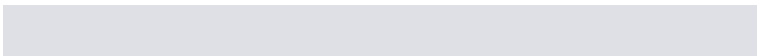
74.3933, 0.3177, 0.3280



74.3933, 0.3173, 0.3350



74.3933, 0.3078, 0.3300



74.3933, 0.3081, 0.3231

Rectangle

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



74.3933, 0.3177, 0.3280



74.3933, 0.3195, 0.3329



74.3933, 0.3078, 0.3300



74.3933, 0.3060, 0.3251

Sweetspot

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



74.3965, 0.3177, 0.3280



98.2402, 0.3141, 0.3287



74.6057, 0.3124, 0.3206



21.0460, 0.3141, 0.3287



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



74.3965, 0.3177, 0.3280



93.0995, 0.3186, 0.3278



75.9005, 0.3181, 0.3321



15.6872, 0.3197, 0.3276



9.5803, 0.6247, 0.3215



0.7173, 0.5934, 0.3043

Inverse Universe

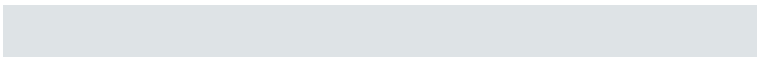
The Inverse Universe completely reimagines the original color for something new.



74.3965, 0.3177, 0.3280



93.0995, 0.3186, 0.3278



76.2034, 0.3074, 0.3259



15.6872, 0.3197, 0.3276



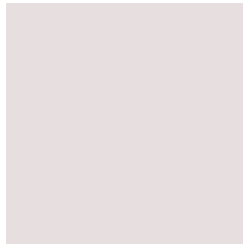
9.5803, 0.6247, 0.3215



0.7173, 0.5934, 0.3043

Previews

White Background



This preview shows how the Yxy color 74.3933, 0.3177, 0.3280 looks on a white background.

Color Contrast Check

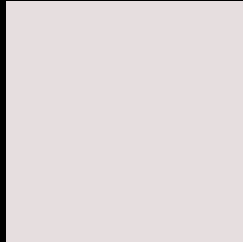
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 74.3933, 0.3177, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

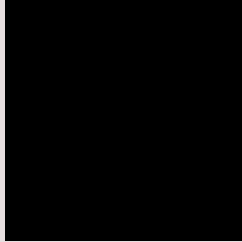
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

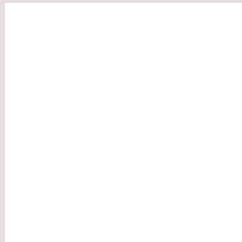
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3933, 0.3177, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 74.3933, 0.3177, 0.3280.

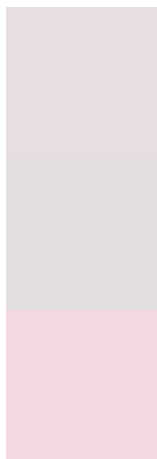


This preview shows how white text looks on a background with the Yxy color 74.3933, 0.3177, 0.3280.

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

74.3933, 0.3177, 0.3280

Protanopia

74.5970, 0.3162, 0.3290

Deuteranopia

74.4200, 0.3284, 0.3218



Tritanopia

74.4566, 0.3100, 0.3113

Trichromacy



Original Color

74.3933, 0.3177, 0.3280

Protanomaly

74.7611, 0.3170, 0.3290

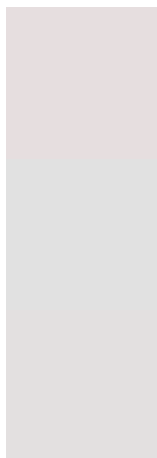
Deuteranomaly

74.5701, 0.3245, 0.3238

Tritanomaly

74.5280, 0.3126, 0.3175

Monochromacy



Original Color

74.3933, 0.3177, 0.3280

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.0240, 0.3148, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3933, 0.3177, 0.3280 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(230, 222, 223) looks like.

```
.text, #text, p{  
    color:rgb(230, 222, 223)  
}
```

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(230, 222, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 222, 223) }
```

Border

The CSS property to change the border of an element to Yxy 74.3933, 0.3177, 0.3280 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(230, 222, 223) }
```

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

```
.border{ border-color:rgb(230, 222, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 222, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 222, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 222, 223);  
box-shadow:4px 4px 4px 4px rgb(230, 222,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3933, 0.3177, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 222, 223) }
```

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

```
.background{ background-color: rgb(230,  
222, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor