

Converting Colors

Yxy(77.9454, 0.3193, 0.3298)

Have a look what the booklet for
Yxy(77.9454, 0.3193, 0.3298)
contains.

Yxy(78.0913, 0.3189, 0.3301)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.0913, 0.3189, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	EBE3E2
RGB	235, 227, 226
RGB Percent	92%, 89%, 89%
CMY	0.0786, 0.1097, 0.1138
CMYK	0.00, 0.03, 0.04, 0.08
HSL	7°, 18%, 90%
HSV	7°, 4%, 92%
XYZ	75.4417, 78.0913, 83.0356
YIQ	229.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

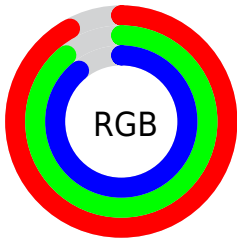
Format	Color
R _Y B	235, 227, 226
Decimal	15459298
CIE Lab	90.82, 2.51, 1.45
CIE LCh	91, 2.895, 30.060
Yxy	78.0913, 0.3189, 0.3301
Android (android.graphics.Color)	4293649378 (0xFFEBE3E2)
YUV	229.2780, -1.6161, 5.0182
Hunter-Lab	88.3693, -2.2590, 6.1471

Details

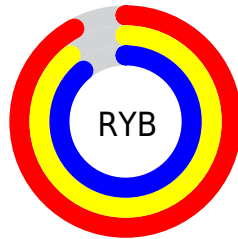
The Yxy color **78.0913, 0.3189, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.9520, 0.3068, 0.3279**, and the grayscale version is **78.5756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.0290, 0.3199, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **66.2082, 0.3376, 0.3332**, and if you desaturate by 10%, it is **91.5279, 0.3037, 0.3273**.

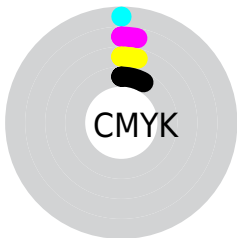
Distribution



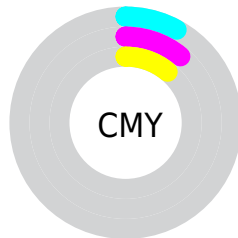
- Red (92%)
- Green (89%)
- Blue (89%)



- Red (92%)
- Yellow (89%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.0913, 0.3189, 0.3301 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 78.0913, 0.3189, 0.3301 by changing the saturation by 10% instead.

■ 78.0913, 0.3189,
0.3301

■ 78.0913, 0.3189,
0.3301

488.4768, 0.3161,
0.3296

■ 58.1490, 0.3195,
0.3302

130.6788, 0.3179,
0.3299

■ 41.9284, 0.3203,
0.3303

164.0928, 0.3175,
0.3299

■ 29.0453, 0.3213,
0.3305

202.7661, 0.3172,
0.3298

■ 19.1151, 0.3226,
0.3307

247.0832, 0.3169,
0.3298

■ 11.7534, 0.3244,
0.3310

297.4284, 0.3167,
0.3297

■ 6.5760, 0.3269,
0.3314

354.1862, 0.3165,

■ 3.1984, 0.3307,

0.3297

0.3320

417.7408, 0.3163,
0.3296

■ 1.2362, 0.3375,
0.3330

■ 0.0910, 0.6188,
0.3812

■ 78.0913, 0.3189,
0.3301

■ 78.0913, 0.3189,
0.3301

■ 66.2082, 0.3376,
0.3332

■ 91.5279, 0.3037,
0.3273

■ 55.8127, 0.3606,
0.3364

■ 96.3928, 0.3005,
0.3290

■ 46.8492, 0.3887,
0.3397

■ 39.2549, 0.4225,
0.3429

■ 32.9621, 0.4620,
0.3455

■ 27.8975, 0.5059,
0.3469

■ 23.9804, 0.5506,
0.3466

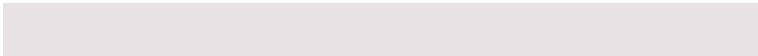
■ 21.1204, 0.5907,
0.3441

■ 19.2131, 0.6200,
0.3395

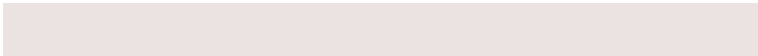
Harmonies

Analogous

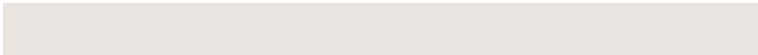
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0913, 0.3168, 0.3271



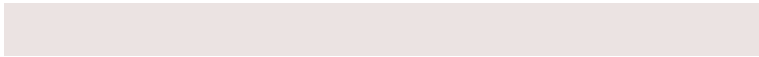
78.0913, 0.3189, 0.3301



78.0913, 0.3193, 0.3328

Triad

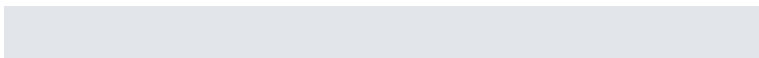
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.0913, 0.3189, 0.3301



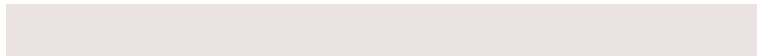
78.0913, 0.3118, 0.3335



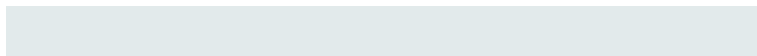
78.0913, 0.3075, 0.3235

Complementary

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



78.0913, 0.3189, 0.3301



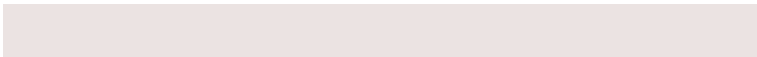
80.9520, 0.3068, 0.3279

Split Complementary

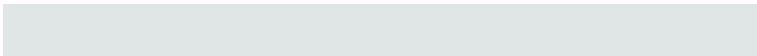
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0913, 0.3061, 0.3252



78.0913, 0.3189, 0.3301



78.0913, 0.3087, 0.3310

Square

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



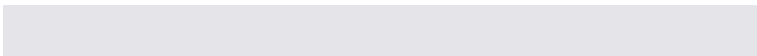
78.0913, 0.3189, 0.3301



78.0913, 0.3153, 0.3348



78.0913, 0.3066, 0.3279



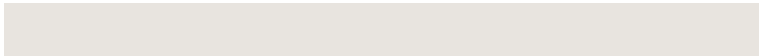
78.0913, 0.3102, 0.3233

Rectangle

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



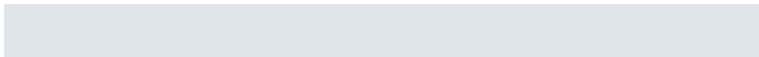
78.0913, 0.3189, 0.3301



78.0913, 0.3186, 0.3342



78.0913, 0.3066, 0.3279



78.0913, 0.3068, 0.3239

Sweetspot

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



78.0947, 0.3189, 0.3301



98.4073, 0.3143, 0.3293



77.9800, 0.3137, 0.3207



21.0800, 0.3142, 0.3293



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

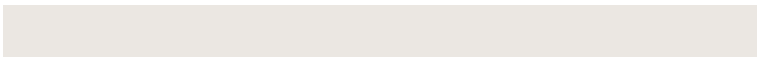
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.0947, 0.3189, 0.3301



92.2256, 0.3210, 0.3305



80.4968, 0.3186, 0.3346



16.3205, 0.3221, 0.3307



10.3674, 0.6301, 0.3379



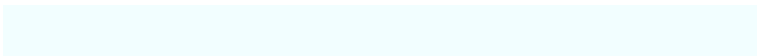
0.9069, 0.6102, 0.3537

Inverse Universe

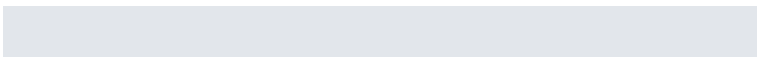
The Inverse Universe completely reimagines the original color for something new.



80.9520, 0.3068, 0.3279



96.7200, 0.3049, 0.3275



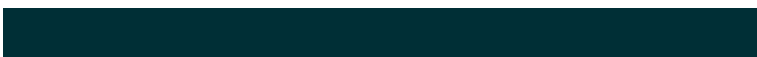
78.5147, 0.3069, 0.3233



17.2255, 0.3039, 0.3273



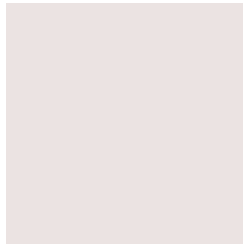
28.4852, 0.2145, 0.2920



2.3215, 0.2160, 0.2976

Previews

White Background



This preview shows how the Yxy color 78.0913, 0.3189, 0.3301 looks on a white background.

Color Contrast Check

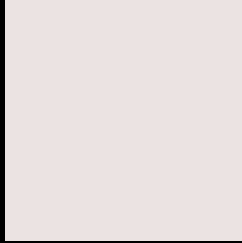
Large Text (above 18pt) WCAG AA × Fail

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 78.0913, 0.3189, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

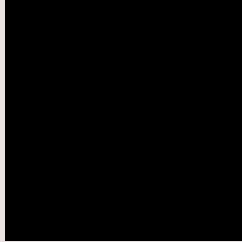
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

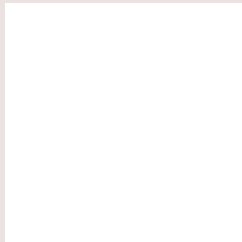
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.0913, 0.3189, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 78.0913, 0.3189, 0.3301.

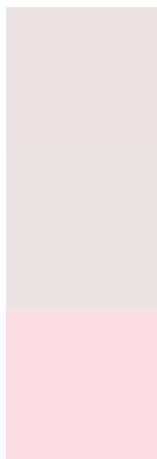


This preview shows how white text looks on a background with the Yxy color 78.0913, 0.3189, 0.3301.

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

78.0913, 0.3189, 0.3301

Protanopia

78.3014, 0.3175, 0.3311

Deuteranopia

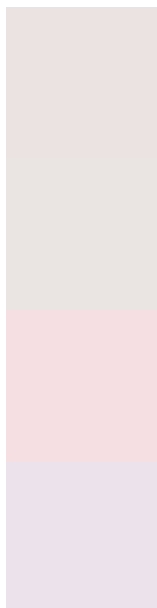
77.7682, 0.3302, 0.3230



Tritanopia

78.2658, 0.3101, 0.3116

Trichromacy



Original Color

78.0913, 0.3189, 0.3301

Protanomaly

78.4702, 0.3182, 0.3311

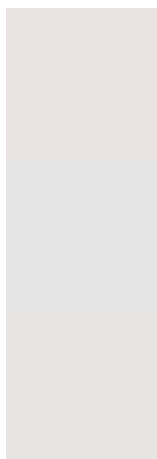
Deuteranomaly

77.7339, 0.3257, 0.3250

Tritanomaly

78.2817, 0.3132, 0.3187

Monochromacy



Original Color

78.0913, 0.3189, 0.3301

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.0772, 0.3148, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.0913, 0.3189, 0.3301 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(235, 227, 226)` looks like.

```
.text, #text, p{  
    color:rgb(235, 227, 226)  
}
```

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(235, 227, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 227, 226) }
```

Border

The CSS property to change the border of an element to Yxy 78.0913, 0.3189, 0.3301 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(235, 227, 226) }
```

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

```
.border{ border-color:rgb(235, 227, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 227, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 227, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 227, 226);  
box-shadow:4px 4px 4px 4px rgb(235, 227,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 78.0913, 0.3189, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 227, 226) }
```

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

```
.background{ background-color: rgb(235,  
227, 226) }
```

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