

Converting Colors

Yxy(78.0651, 0.3089, 0.3177)

Have a look what the booklet for
Yxy(78.0651, 0.3089, 0.3177)
contains.

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Color

Yxy(78.1001, 0.3085, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	E7E3EE
RGB	231, 227, 238
RGB Percent	91%, 89%, 93%
CMY	0.0940, 0.1098, 0.0668
CMYK	0.03, 0.05, 0.00, 0.07
HSL	262°, 24%, 91%
HSV	262°, 5%, 93%
XYZ	75.8623, 78.1001, 91.9447
YIQ	229.4500, -1.1470, 4.2690

Conversions

Conversions Part 2

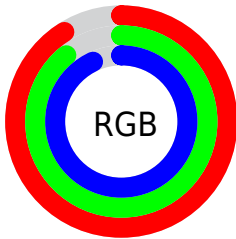
Format	Color
R _Y B	231, 227, 238
Decimal	15197166
CIE Lab	90.83, 3.35, -4.86
CIE LCh	91, 5.899, 304.569
Yxy	78.1001, 0.3085, 0.3176
Android (android.graphics.Color)	4293387246 (0xFFE7E3EE)
YUV	229.4500, 4.2152, 1.3594
Hunter-Lab	88.3743, -1.4268, 0.1766

Details

The Yxy color **78.1001, 0.3085, 0.3176** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.1613, 0.3168, 0.3403**, and the grayscale version is **78.6768, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.9964, 0.3071, 0.3156** is the 20% darker color. If you saturate the color by 10%, you get **63.5770, 0.2983, 0.2911**, and if you desaturate by 10%, it is **94.6439, 0.3173, 0.3416**.

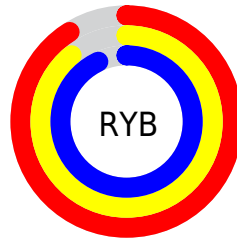
Distribution



Red (91%)

Green (89%)

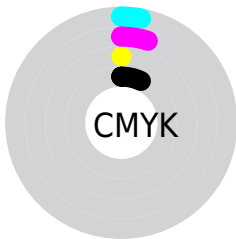
Blue (93%)



Red (91%)

Yellow (89%)

Blue (93%)

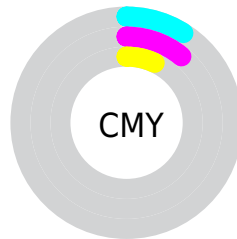


Cyan (3%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (9%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.1001, 0.3085, 0.3176 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 78.1001, 0.3085, 0.3176 by changing the saturation by 10% instead.

■ 78.1001, 0.3085,
0.3176

■ 78.1001, 0.3085,
0.3176

488.5067, 0.3104,
0.3228

■ 58.1562, 0.3081,
0.3164

130.6912, 0.3092,
0.3194

■ 41.9342, 0.3075,
0.3150

164.1072, 0.3094,
0.3201

■ 29.0498, 0.3068,
0.3132

202.7828, 0.3097,
0.3207

■ 19.1185, 0.3059,
0.3109

247.1022, 0.3099,
0.3212

■ 11.7559, 0.3047,
0.3078

297.4499, 0.3100,
0.3217

■ 6.5777, 0.3030,
0.3034

354.2103, 0.3102,

■ 3.1994, 0.3002,

0.3221

0.2967

417.7678, 0.3103,
0.3225

■ 1.2367, 0.2954,
0.2853

■ 0.0914, 0.2411,
0.1307

■ 78.1001, 0.3085,
0.3176

■ 78.1001, 0.3085,
0.3176

■ 63.5770, 0.2983,
0.2911

■ 94.6439, 0.3173,
0.3416

■ 50.9860, 0.2865,
0.2622

■ 98.9516, 0.3226,
0.3454

■ 40.2463, 0.2731,
0.2315

■ 31.2678, 0.2584,
0.1998

■ 23.9524, 0.2426,
0.1686

■ 18.1922, 0.2264,
0.1393

■ 13.8662, 0.2107,
0.1139

■ 10.8342, 0.1962,
0.0940

■ 8.9260, 0.1838,
0.0806

Harmonies

Analogous

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



78.1001, 0.3027, 0.3175



78.1001, 0.3085, 0.3176



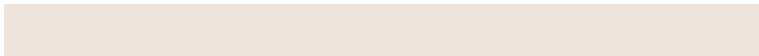
78.1001, 0.3155, 0.3207

Triad

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



78.1001, 0.3085, 0.3176



78.1001, 0.3261, 0.3375



78.1001, 0.3037, 0.3320

Complementary

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



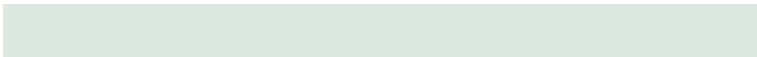
78.1001, 0.3085, 0.3176



84.1613, 0.3168, 0.3403

Split Complementary

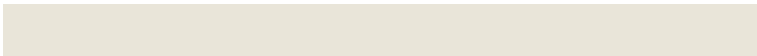
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1001, 0.3098, 0.3376



78.1001, 0.3085, 0.3176



78.1001, 0.3228, 0.3407

Square

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



78.1001, 0.3085, 0.3176



78.1001, 0.3257, 0.3321



78.1001, 0.3168, 0.3407



78.1001, 0.2999, 0.3257

Rectangle

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



78.1001, 0.3085, 0.3176



78.1001, 0.3199, 0.3240



78.1001, 0.3168, 0.3407



78.1001, 0.3055, 0.3341

Sweetspot

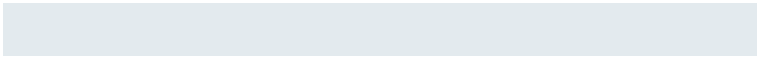
The Sweet Spot groups the original color and five complimentary colors.



78.1034, 0.3085, 0.3176



98.0795, 0.3118, 0.3266



81.3189, 0.3056, 0.3248



21.0133, 0.3119, 0.3267



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.



78.1034, 0.3085, 0.3176



88.8361, 0.3071, 0.3140



79.0286, 0.3122, 0.3177



16.4364, 0.3066, 0.3124



4.6583, 0.1795, 0.0763



0.4422, 0.1941, 0.0843

Inverse Universe

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



79.0460, 0.3158, 0.3219



90.2662, 0.3169, 0.3197



83.2496, 0.3131, 0.3405



16.7307, 0.3173, 0.3187



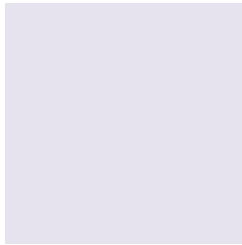
11.4021, 0.4411, 0.2203



0.9677, 0.4210, 0.2093

Previews

White Background



This preview shows how the Yxy color 78.1001, 0.3085, 0.3176 looks on a white background.

Color Contrast Check

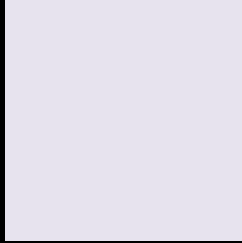
Large Text (above 18pt) WCAG AA × Fail

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 78.1001, 0.3085, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

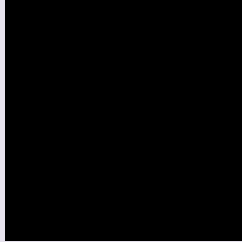
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

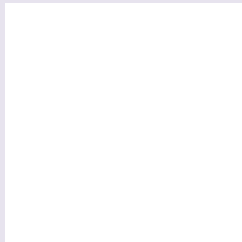
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.1001, 0.3085, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 78.1001, 0.3085, 0.3176.

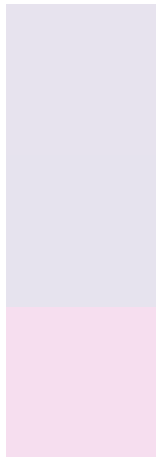


This preview shows how white text looks on a background with the Yxy color 78.1001, 0.3085, 0.3176.

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

78.1001, 0.3085, 0.3176

Protanopia

77.9342, 0.3078, 0.3176

Deuteranopia

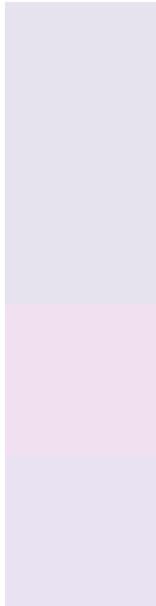
78.0674, 0.3184, 0.3119



Tritanopia

78.0802, 0.3054, 0.3105

Trichromacy



Original Color

78.1001, 0.3085, 0.3176

Protanomaly

77.9342, 0.3078, 0.3176

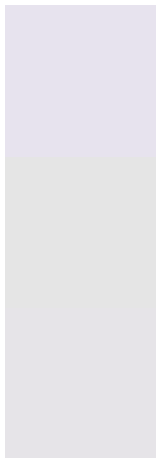
Deuteranomaly

78.2441, 0.3148, 0.3138

Tritanomaly

77.9593, 0.3066, 0.3125

Monochromacy



Original Color

78.1001, 0.3085, 0.3176

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.1360, 0.3115, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1001, 0.3085, 0.3176 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(231, 227, 238)` looks like.

```
.text, #text, p{  
    color:rgb(231, 227, 238)  
}
```

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(231, 227, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 227, 238) }
```

Border

The CSS property to change the border of an element to Yxy 78.1001, 0.3085, 0.3176 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(231, 227, 238) }
```

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

```
.border{ border-color:rgb(231, 227, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 227, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 227, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 227, 238);  
box-shadow:4px 4px 4px 4px rgb(231, 227,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1001, 0.3085, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 227, 238) }
```

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

```
.background{ background-color: rgb(231,  
227, 238) }
```

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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