

Converting Colors

$Yxy(73.5724, 0.3144, 0.3233)$

Have a look what the booklet for
Yxy(73.5724, 0.3144, 0.3233)
contains.

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Color

Yxy(73.6979, 0.3144, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	E4DDE2
RGB	228, 221, 226
RGB Percent	89%, 87%, 89%
CMY	0.1058, 0.1333, 0.1138
CMYK	0.00, 0.03, 0.01, 0.11
HSL	317°, 11%, 88%
HSV	317°, 3%, 89%
XYZ	71.5805, 73.6979, 82.3950
YIQ	223.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

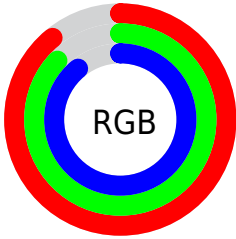
Format	Color
R _Y B	228, 221, 226
Decimal	14999010
CIE Lab	88.78, 3.27, -1.60
CIE LCh	89, 3.641, 333.938
Yxy	73.6979, 0.3144, 0.3237
Android (android.graphics.Color)	4293189090 (0xFFE4DDE2)
YUV	223.6630, 1.1521, 3.8035
Hunter-Lab	85.8475, -1.3979, 3.1877

Details

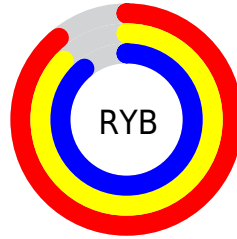
The Yxy color **73.6979, 0.3144, 0.3237** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.1965, 0.3111, 0.3344**, and the grayscale version is **74.2812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0969, 0.3149, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **62.1123, 0.3205, 0.3059**, and if you desaturate by 10%, it is **86.9389, 0.3092, 0.3406**.

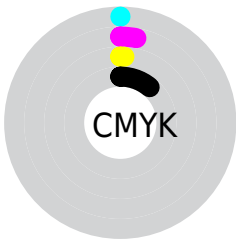
Distribution



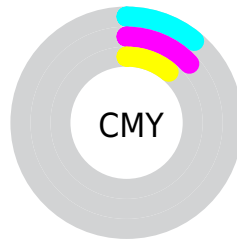
- Red (89%)
- Green (87%)
- Blue (89%)



- Red (89%)
- Yellow (87%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6979, 0.3144, 0.3237 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 73.6979, 0.3144, 0.3237 by changing the saturation by 10% instead.

■ 73.6979, 0.3144,
0.3237

■ 73.6979, 0.3144,
0.3237

473.4301, 0.3136,
0.3261

■ 54.5468, 0.3146,
0.3231

124.4675, 0.3141,
0.3245

■ 39.0390, 0.3148,
0.3225

156.8547, 0.3140,
0.3249

■ 26.7901, 0.3151,
0.3216

194.4229, 0.3139,
0.3252

■ 17.4156, 0.3154,
0.3205

237.5562, 0.3139,
0.3254

■ 10.5313, 0.3159,
0.3189

286.6392, 0.3138,
0.3256

■ 5.7526, 0.3166,
0.3167

342.0563, 0.3137,

■ 2.6952, 0.3176,

0.3258

0.3132

404.1918, 0.3137,
0.3260

0.9748, 0.3195,
0.3071

0.0000, 0.0000,
0.0000

73.6979, 0.3144,
0.3237

73.6979, 0.3144,
0.3237

62.1123, 0.3205,
0.3059

86.9389, 0.3092,
0.3406

52.1070, 0.3277,
0.2875

94.2579, 0.3051,
0.3450

43.6150, 0.3360,
0.2689

94.6546, 0.3015,
0.3383

36.5612, 0.3454,
0.2509

95.0658, 0.2978,
0.3316

■ 30.8637, 0.3560,
0.2343

■ 95.2363, 0.2964,
0.3290

■ 26.4325, 0.3674,
0.2202

■ 23.1666, 0.3795,
0.2097

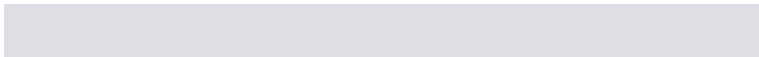
■ 20.9495, 0.3917,
0.2037

■ 19.6402, 0.4037,
0.2026

Harmonies

Analogous

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



73.6979, 0.3100, 0.3218



73.6979, 0.3144, 0.3237



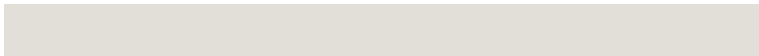
73.6979, 0.3184, 0.3270

Triad

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



73.6979, 0.3144, 0.3237



73.6979, 0.3191, 0.3363



73.6979, 0.3047, 0.3271

Complementary

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



73.6979, 0.3144, 0.3237



76.1965, 0.3111, 0.3344

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.



73.6979, 0.3071, 0.3310



73.6979, 0.3144, 0.3237



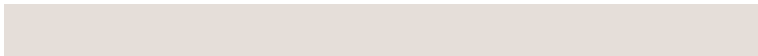
73.6979, 0.3154, 0.3364

Square

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



73.6979, 0.3144, 0.3237



73.6979, 0.3211, 0.3343



73.6979, 0.3110, 0.3344



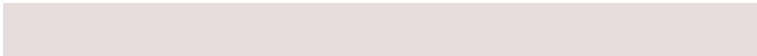
73.6979, 0.3044, 0.3237

Rectangle

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



73.6979, 0.3144, 0.3237



73.6979, 0.3203, 0.3296



73.6979, 0.3110, 0.3344



73.6979, 0.3053, 0.3284

Sweetspot

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



73.7011, 0.3144, 0.3237



98.3364, 0.3133, 0.3273



73.0029, 0.3095, 0.3215



21.0656, 0.3132, 0.3274



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.



73.7011, 0.3144, 0.3237



93.4756, 0.3149, 0.3221



73.5126, 0.3167, 0.3274



15.7622, 0.3153, 0.3208



11.0550, 0.4102, 0.2033



0.8328, 0.3941, 0.1944

Inverse Universe

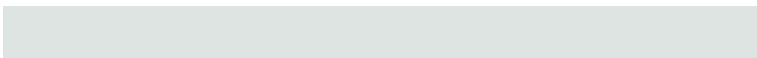
The Inverse Universe completely reimagines the original color for something new.



73.7011, 0.3144, 0.3237



93.4756, 0.3149, 0.3221



76.3855, 0.3089, 0.3306



15.7622, 0.3153, 0.3208



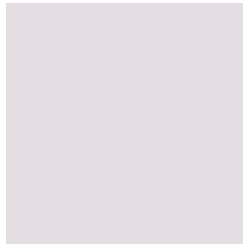
11.0550, 0.4102, 0.2033



0.8328, 0.3941, 0.1944

Previews

White Background



This preview shows how the Yxy color 73.6979, 0.3144, 0.3237 looks on a white background.

Color Contrast Check

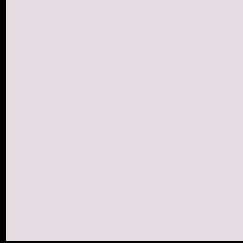
Large Text (above 18pt) WCAG AA × Fail

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 73.6979, 0.3144, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

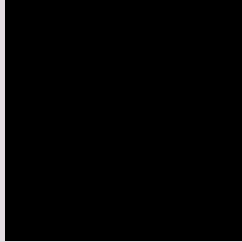
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

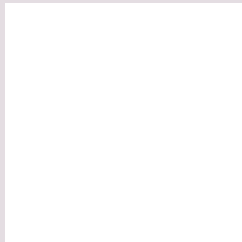
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6979, 0.3144, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 73.6979, 0.3144, 0.3237.

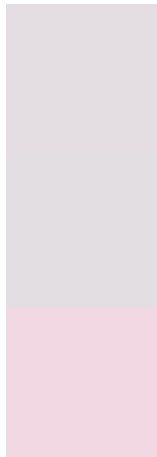


This preview shows how white text looks on a background with the Yxy color 73.6979, 0.3144, 0.3237.

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

73.6979, 0.3144, 0.3237

Protanopia

73.9023, 0.3129, 0.3247

Deuteranopia

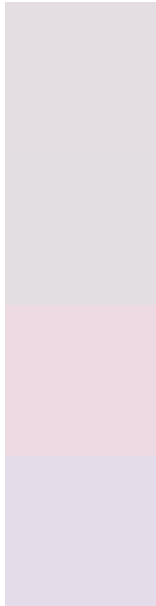
73.5350, 0.3242, 0.3177



Tritanopia

73.6005, 0.3087, 0.3101

Trichromacy



Original Color

73.6979, 0.3144, 0.3237

Protanomaly

74.0644, 0.3136, 0.3247

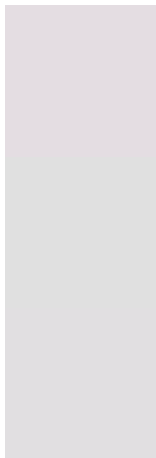
Deuteranomaly

73.6934, 0.3204, 0.3196

Tritanomaly

73.7276, 0.3105, 0.3153

Monochromacy



Original Color

73.6979, 0.3144, 0.3237

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.2191, 0.3128, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6979, 0.3144, 0.3237 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(228, 221, 226) looks like.

```
.text, #text, p{  
    color:rgb(228, 221, 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(228, 221, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 221, 226) }
```

Border

The CSS property to change the border of an element to Yxy 73.6979, 0.3144, 0.3237 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(228, 221, 226) }
```

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

```
.border{ border-color:rgb(228, 221, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 221, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 221, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 221, 226);  
box-shadow:4px 4px 4px 4px rgb(228, 221,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6979, 0.3144, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 221, 226) }
```

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

```
.background{ background-color: rgb(228,  
221, 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](#).

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