

Converting Colors

$Yxy(73.3109, 0.3136, 0.3247)$

Have a look what the booklet for
Yxy(73.3109, 0.3136, 0.3247)
contains.

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Color

Yxy(73.3179, 0.3136, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	E2DDE1
RGB	226, 221, 225
RGB Percent	89%, 87%, 88%
CMY	0.1138, 0.1333, 0.1175
CMYK	0.00, 0.02, 0.00, 0.11
HSL	312°, 8%, 88%
HSV	312°, 2%, 89%
XYZ	70.8115, 73.3179, 81.6726
YIQ	222.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

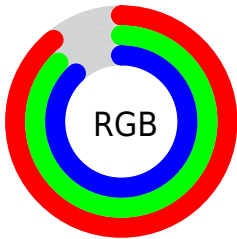
Format	Color
R _Y B	226, 221, 225
Decimal	14867937
CIE Lab	88.60, 2.41, -1.38
CIE LCh	89, 2.778, 330.302
Yxy	73.3179, 0.3136, 0.3247
Android (android.graphics.Color)	4293058017 (0xFFE2DDE1)
YUV	222.9510, 1.0102, 2.6740
Hunter-Lab	85.6259, -2.2281, 3.3855

Details

The Yxy color **73.3179, 0.3136, 0.3247** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.0331, 0.3118, 0.3333**, and the grayscale version is **73.7491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8326, 0.3139, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **61.9441, 0.3180, 0.3047**, and if you desaturate by 10%, it is **86.3103, 0.3098, 0.3438**.

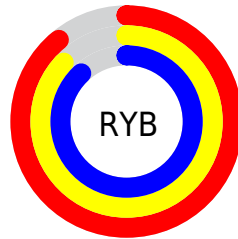
Distribution



Red (89%)

Green (87%)

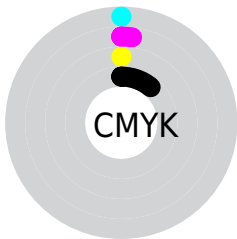
Blue (88%)



Red (89%)

Yellow (87%)

Blue (88%)

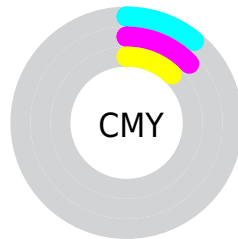


Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3179, 0.3136, 0.3247 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 73.3179, 0.3136, 0.3247 by changing the saturation by 10% instead.

■ 73.3179, 0.3136,
0.3247

■ 73.3179, 0.3136,
0.3247

472.1159, 0.3132,
0.3267

■ 54.2359, 0.3137,
0.3242

123.9284, 0.3135,
0.3254

■ 38.7903, 0.3138,
0.3237

156.2257, 0.3134,
0.3257

■ 26.5967, 0.3139,
0.3230

193.6970, 0.3134,
0.3259

■ 17.2705, 0.3141,
0.3221

236.7266, 0.3133,
0.3261

■ 10.4276, 0.3144,
0.3208

285.6988, 0.3133,
0.3263

■ 5.6834, 0.3147,
0.3190

340.9982, 0.3133,

■ 2.6535, 0.3153,

0.3264

0.3161

403.0091, 0.3132,
0.3266

■ 0.9536, 0.3163,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 73.3179, 0.3136,
0.3247

■ 73.3179, 0.3136,
0.3247

■ 61.9441, 0.3180,
0.3047

■ 86.3103, 0.3098,
0.3438

■ 52.1158, 0.3231,
0.2840

■ 93.6140, 0.3069,
0.3507

■ 43.7680, 0.3288,
0.2633

■ 93.8677, 0.3045,
0.3461

■ 36.8278, 0.3352,
0.2432

■ 94.1277, 0.3021,
0.3416

■ 31.2158, 0.3422,
0.2248

■ 94.3939, 0.2996,
0.3372

■ 26.8450, 0.3496,
0.2089

■ 94.6664, 0.2973,
0.3327

■ 23.6175, 0.3572,
0.1966

■ 94.9073, 0.2952,
0.3289

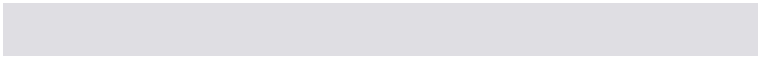
■ 21.4214, 0.3648,
0.1886

■ 20.1214, 0.3721,
0.1853

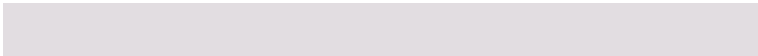
Harmonies

Analogous

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



73.3179, 0.3103, 0.3234



73.3179, 0.3136, 0.3247



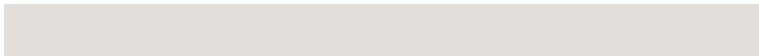
73.3179, 0.3167, 0.3271

Triad

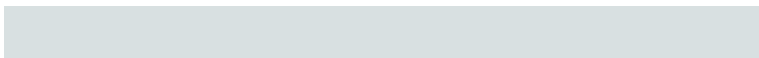
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3179, 0.3136, 0.3247



73.3179, 0.3179, 0.3345



73.3179, 0.3067, 0.3279

Complementary

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



73.3179, 0.3136, 0.3247



75.0331, 0.3118, 0.3333

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.



73.3179, 0.3087, 0.3309



73.3179, 0.3136, 0.3247



73.3179, 0.3152, 0.3347

Square

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



73.3179, 0.3136, 0.3247



73.3179, 0.3192, 0.3328



73.3179, 0.3118, 0.3334



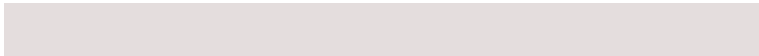
73.3179, 0.3063, 0.3252

Rectangle

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



73.3179, 0.3136, 0.3247



73.3179, 0.3183, 0.3291



73.3179, 0.3118, 0.3334



73.3179, 0.3072, 0.3289

Sweetspot

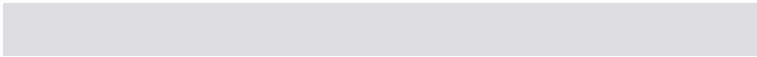
The Sweet Spot groups the original color and five complimentary colors.



73.3211, 0.3136, 0.3247



98.3521, 0.3131, 0.3270



72.7234, 0.3101, 0.3236



21.0688, 0.3131, 0.3271



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.



73.3211, 0.3136, 0.3247



95.1210, 0.3139, 0.3231



73.1886, 0.3152, 0.3273



15.2774, 0.3142, 0.3216



11.1760, 0.3765, 0.1848



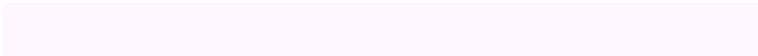
0.7865, 0.3664, 0.1792

Inverse Universe

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



73.3211, 0.3136, 0.3247



95.1210, 0.3139, 0.3231



75.1651, 0.3103, 0.3307



15.2774, 0.3142, 0.3216



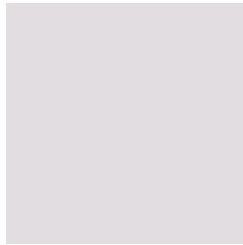
11.1760, 0.3765, 0.1848



0.7865, 0.3664, 0.1792

Previews

White Background



This preview shows how the Yxy color 73.3179, 0.3136, 0.3247 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 73.3179, 0.3136, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

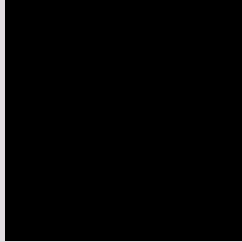
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

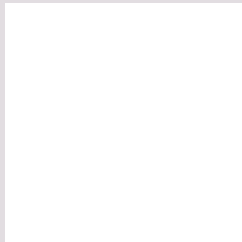
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3179, 0.3136, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 73.3179, 0.3136, 0.3247.

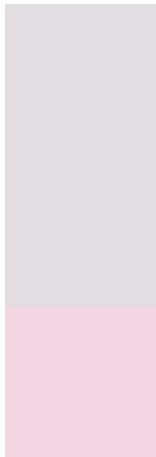


This preview shows how white text looks on a background with the Yxy color 73.3179, 0.3136, 0.3247.

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

73.3179, 0.3136, 0.3247

Protanopia

73.1567, 0.3129, 0.3247

Deuteranopia

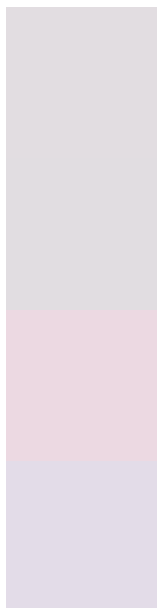
72.9691, 0.3249, 0.3176



Tritanopia

73.2131, 0.3079, 0.3111

Trichromacy



Original Color

73.3179, 0.3136, 0.3247

Protanomaly

73.1567, 0.3129, 0.3247

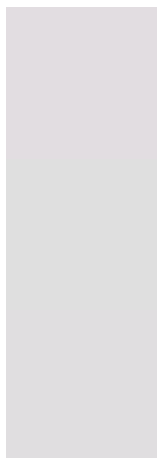
Deuteranomaly

72.9496, 0.3204, 0.3196

Tritanomaly

73.3435, 0.3098, 0.3163

Monochromacy



Original Color

73.3179, 0.3136, 0.3247

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.4717, 0.3128, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3179, 0.3136, 0.3247 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(226, 221, 225) looks like.

```
.text, #text, p{  
    color:rgb(226, 221, 225)  
}
```

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(226, 221, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 221, 225) }
```

Border

The CSS property to change the border of an element to Yxy 73.3179, 0.3136, 0.3247 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(226, 221, 225) }
```

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

```
.border{ border-color:rgb(226, 221, 225) }
```

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

Here you see how a box with a 4 pixel rgb(226, 221, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 221, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 221, 225);  
box-shadow:4px 4px 4px 4px rgb(226, 221,  
225) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.3179, 0.3136, 0.3247$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 221, 225) }
```

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

```
.background{ background-color: rgb(226,  
221, 225) }
```

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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