

Converting Colors

$Yxy(72.6038, 0.3158, 0.3235)$

Have a look what the booklet for
Yxy(72.6038, 0.3158, 0.3235)
contains.

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Color

Yxy(72.5388, 0.3158, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	E4DBE0
RGB	228, 219, 224
RGB Percent	89%, 86%, 88%
CMY	0.1061, 0.1411, 0.1216
CMYK	0.00, 0.04, 0.02, 0.11
HSL	327°, 14%, 88%
HSV	327°, 4%, 89%
XYZ	70.7685, 72.5388, 80.7854
YIQ	222.2610, 3.7590, 3.4630

Conversions

Conversions Part 2

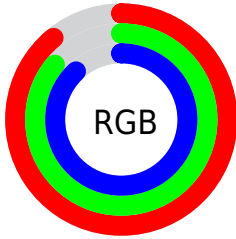
Format	Color
R _Y B	228, 219, 224
Decimal	14998496
CIE Lab	88.23, 3.92, -1.36
CIE LCh	88, 4.152, 340.923
Yxy	72.5388, 0.3158, 0.3237
Android (android.graphics.Color)	4293188576 (0xFFE4DBE0)
YUV	222.2610, 0.8573, 5.0331
Hunter-Lab	85.1697, -0.7293, 3.3809

Details

The Yxy color **72.5388, 0.3158, 0.3237** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.8511, 0.3097, 0.3344**, and the grayscale version is **73.2302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2997, 0.3168, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **60.9173, 0.3248, 0.3096**, and if you desaturate by 10%, it is **85.8280, 0.3084, 0.3370**.

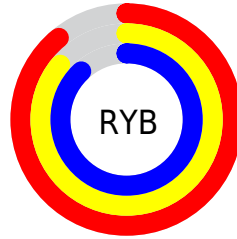
Distribution



Red (89%)

Green (86%)

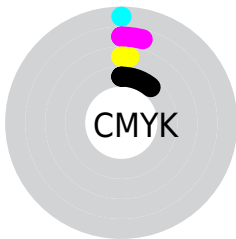
Blue (88%)



Red (89%)

Yellow (86%)

Blue (88%)

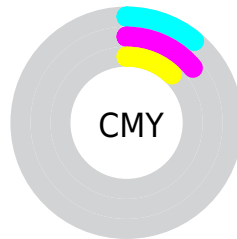


Cyan (0%)

Magenta (4%)

Yellow (2%)

Black (11%)



Cyan (11%)

Magenta (14%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5388, 0.3158, 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 72.5388, 0.3158, 0.3237 by changing the saturation by 10% instead.

■ 72.5388, 0.3158,
0.3237

■ 72.5388, 0.3158,
0.3237

469.4148, 0.3144,
0.3262

■ 53.5989, 0.3161,
0.3231

122.8223, 0.3153,
0.3246

■ 38.2811, 0.3165,
0.3224

154.9346, 0.3151,
0.3249

■ 26.2009, 0.3170,
0.3216

192.2066, 0.3150,
0.3252

■ 16.9740, 0.3177,
0.3204

235.0226, 0.3148,
0.3254

■ 10.2160, 0.3186,
0.3189

283.7671, 0.3147,
0.3256

■ 5.5424, 0.3199,
0.3166

338.8243, 0.3146,

■ 2.5689, 0.3220,

0.3258

400.5788, 0.3145,
0.3260

0.3131

0.9110, 0.3257,
0.3067

0.0000, 0.0000,
0.0000

72.5388, 0.3158,
0.3237

72.5388, 0.3158,
0.3237

60.9173, 0.3248,
0.3096

85.8280, 0.3084,
0.3370

50.8876, 0.3355,
0.2950

94.5509, 0.3023,
0.3398

42.3822, 0.3482,
0.2801

95.1828, 0.2967,
0.3296

35.3248, 0.3631,
0.2656

95.2263, 0.2964,
0.3290

■ 29.6328, 0.3801,
0.2525

■ 25.2147, 0.3992,
0.2416

■ 21.9682, 0.4198,
0.2344

■ 19.7747, 0.4411,
0.2320

■ 18.4901, 0.4621,
0.2349

Harmonies

Analogous

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



72.5388, 0.3107, 0.3211



72.5388, 0.3158, 0.3237



72.5388, 0.3201, 0.3277

Triad

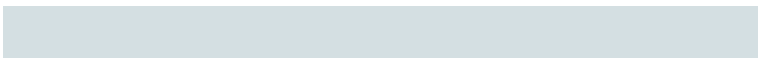
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5388, 0.3158, 0.3237



72.5388, 0.3192, 0.3376



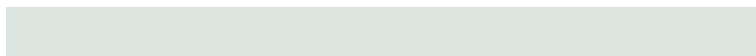
72.5388, 0.3032, 0.3258

Complementary

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



72.5388, 0.3158, 0.3237



75.8511, 0.3097, 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.



72.5388, 0.3054, 0.3302



72.5388, 0.3158, 0.3237



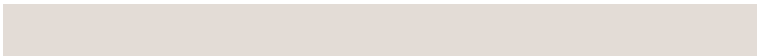
72.5388, 0.3147, 0.3371

Square

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



72.5388, 0.3158, 0.3237



72.5388, 0.3220, 0.3358



72.5388, 0.3096, 0.3344



72.5388, 0.3035, 0.3222

Rectangle

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



72.5388, 0.3158, 0.3237



72.5388, 0.3219, 0.3307



72.5388, 0.3096, 0.3344



72.5388, 0.3037, 0.3272

Sweetspot

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



72.5419, 0.3158, 0.3237



98.3112, 0.3135, 0.3277



71.9439, 0.3096, 0.3194



21.0604, 0.3134, 0.3277



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.



72.5419, 0.3158, 0.3237



91.7743, 0.3167, 0.3222



72.3076, 0.3187, 0.3284



15.4877, 0.3173, 0.3213



10.4314, 0.4716, 0.2372



0.7895, 0.4436, 0.2217

Inverse Universe

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



72.5419, 0.3158, 0.3237



91.7743, 0.3167, 0.3222



76.0902, 0.3070, 0.3296



15.4877, 0.3173, 0.3213



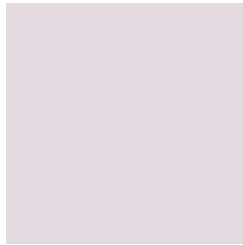
10.4314, 0.4716, 0.2372



0.7895, 0.4436, 0.2217

Previews

White Background



This preview shows how the Yxy color 72.5388, 0.3158, 0.3237 looks on a white background.

Color Contrast Check

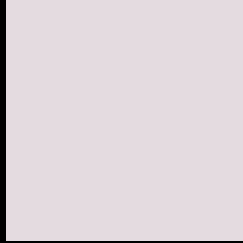
Large Text (above 18pt) WCAG AA × Fail

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 72.5388, 0.3158, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

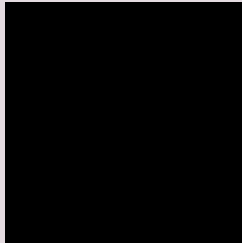
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

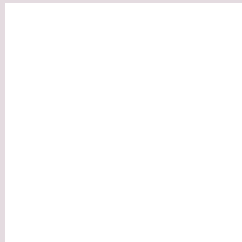
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5388, 0.3158, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 72.5388, 0.3158, 0.3237.

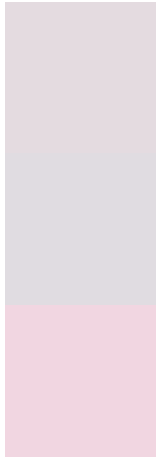


This preview shows how white text looks on a background with the Yxy color 72.5388, 0.3158, 0.3237.

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

72.5388, 0.3158, 0.3237

Protanopia

72.4699, 0.3123, 0.3236

Deuteranopia

72.2301, 0.3250, 0.3176



Tritanopia

72.3892, 0.3107, 0.3111

Trichromacy



Original Color

72.5388, 0.3158, 0.3237

Protanomaly

72.6302, 0.3130, 0.3236

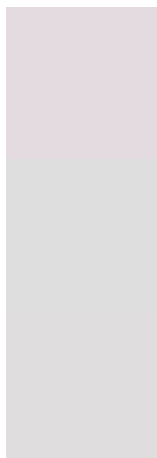
Deuteranomaly

72.3808, 0.3212, 0.3196

Tritanomaly

72.5140, 0.3126, 0.3163

Monochromacy



Original Color

72.5388, 0.3158, 0.3237

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.8879, 0.3135, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5388, 0.3158, 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, 219, 224)` looks like.

```
.text, #text, p{  
    color:rgb(228, 219, 224)  
}
```

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, 219, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 219, 224) }
```

Border

The CSS property to change the border of an element to Yxy 72.5388, 0.3158, 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, 219, 224) }
```

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

```
.border{ border-color:rgb(228, 219, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 219, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 219, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 219, 224);  
box-shadow:4px 4px 4px 4px rgb(228, 219,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5388, 0.3158, 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, 219, 224) }
```

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

```
.background{ background-color: rgb(228,  
219, 224) }
```

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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