

Converting Colors

Yxy(73.3430, 0.3121, 0.3244)

Have a look what the booklet for
Yxy(73.3430, 0.3121, 0.3244)
contains.

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Color

Yxy(73.2114, 0.3123, 0.3236)

Conversions

Conversions Part 1	
Format	Color
Hex	E1DDE2
RGB	225, 221, 226
RGB Percent	88%, 87%, 89%
CMY	0.1173, 0.1334, 0.1136
CMYK	0.00, 0.02, 0.00, 0.11
HSL	289°, 8%, 88%
HSV	289°, 2%, 89%
XYZ	70.6549, 73.2114, 82.3741
YIQ	222.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

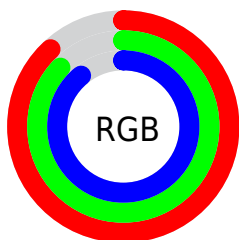
Format	Color
RYB	225, 221, 226
Decimal	14802402
CIELab	88.55, 2.30, -1.98
CIELCh	89, 3.035, 319.205
Yxy	73.2114, 0.3123, 0.3236
Android (android.graphics.Color)	4292992482 (0xFFE1DDE2)
YUV	222.7660, 1.5944, 1.9592
Hunter-Lab	85.5637, -2.3386, 2.8147

Details

The Yxy color `73.2114, 0.3123, 0.3236` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `75.1426, 0.3131, 0.3344`, and the grayscale version is `73.6147, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `38.7588, 0.3121, 0.3220` is the 20% darker color. If you saturate the color by 10%, you get `61.3995, 0.3102, 0.2986`, and if you desaturate by 10%, it is `86.6532, 0.3140, 0.3472`.

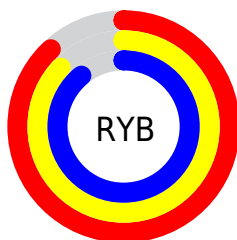
Distribution



Red (88%)

Green (87%)

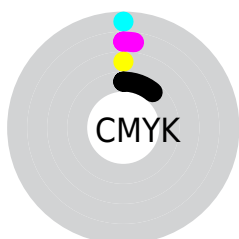
Blue (89%)



Red (88%)

Yellow (87%)

Blue (89%)

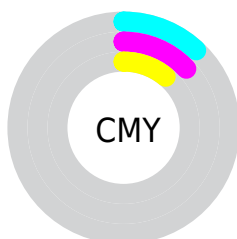


Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (11%)



Cyan (12%)


Magenta (13%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.2114, 0.3123, 0.3236 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 73.2114, 0.3123, 0.3236 by changing the saturation by 10% instead.


 73.2114, 0.3123,
0.3236

 73.2114, 0.3123,
0.3236

471.7472, 0.3125,
0.3261

 54.1488, 0.3123,
0.3230


123.7773, 0.3124,
0.3245

 38.7207, 0.3122,
0.3223


156.0494, 0.3124,
0.3248

 26.5425, 0.3121,
0.3214


193.4934, 0.3124,
0.3251

 17.2299, 0.3120,
0.3203

236.4939, 0.3124,
0.3253

 10.3986, 0.3119,
0.3187

285.4351, 0.3125,
0.3256

 5.6640, 0.3117,
0.3164


340.7014, 0.3125,


 2.6419, 0.3113,


0.3258


0.3129


402.6773, 0.3125,
0.3259


 0.9478, 0.3107,
0.3065


 0.0000, 0.0000,
0.0000


 73.2114, 0.3123,
0.3236


 73.2114, 0.3123,
0.3236


 61.3995, 0.3102,
0.2986


 86.6532, 0.3140,
0.3472

 51.1441, 0.3075,
0.2726


 94.4306, 0.3160,
0.3584

 42.3804, 0.3044,
0.2462


 95.1556, 0.3187,
0.3581


 35.0351, 0.3007,
0.2202

 95.8978, 0.3214,
0.3579

 29.0288, 0.2965,
0.1958


 96.6575, 0.3241,
0.3576

 24.2742, 0.2919,
0.1740


 97.4348, 0.3269,
0.3574

 20.6736, 0.2871,
0.1558

 98.2297, 0.3296,
0.3572

 18.1146, 0.2820,
0.1419

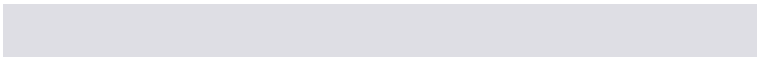
 98.2722, 0.3297,
0.3571

 16.4619, 0.2770,
0.1325

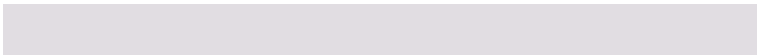
Harmonies

Analogous

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



73.2114, 0.3088, 0.3227



73.2114, 0.3123, 0.3236



73.2114, 0.3159, 0.3259

Triad

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



73.2114, 0.3123, 0.3236



73.2114, 0.3191, 0.3345



73.2114, 0.3068, 0.3290

Complementary

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



73.2114, 0.3123, 0.3236



75.1426, 0.3131, 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.



73.2114, 0.3095, 0.3322



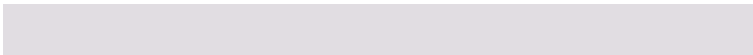
73.2114, 0.3123, 0.3236



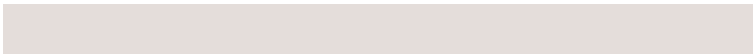
73.2114, 0.3166, 0.3354

Square

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



73.2114, 0.3123, 0.3236



73.2114, 0.3199, 0.3321



73.2114, 0.3131, 0.3345



73.2114, 0.3056, 0.3258

Rectangle

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



73.2114, 0.3123, 0.3236



73.2114, 0.3179, 0.3279



73.2114, 0.3131, 0.3345



73.2114, 0.3075, 0.3301

Sweetspot

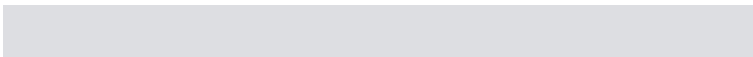
The Sweet Spot groups the original color and five complimentary colors.



73.2145, 0.3123, 0.3236



98.2931, 0.3125, 0.3266



73.0979, 0.3094, 0.3246



21.0568, 0.3125, 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.



73.2145, 0.3123, 0.3236



94.9445, 0.3121, 0.3217



73.2845, 0.3140, 0.3252



15.2415, 0.3120, 0.3198



8.9653, 0.2740, 0.1283



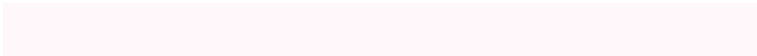
0.6554, 0.2816, 0.1325

Inverse Universe

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



73.1449, 0.3157, 0.3280



94.8220, 0.3168, 0.3276



75.0746, 0.3115, 0.3328



15.2169, 0.3178, 0.3273



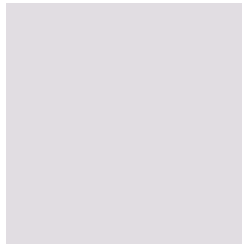
9.3342, 0.6099, 0.3134



0.6593, 0.5684, 0.2905

Previews

White Background



This preview shows how the Yxy color 73.2114, 0.3123, 0.3236 looks on a white background.

Color Contrast Check

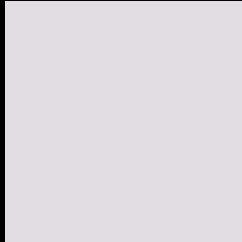
Large Text (above 18pt) WCAG AA × Fail

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 73.2114, 0.3123, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

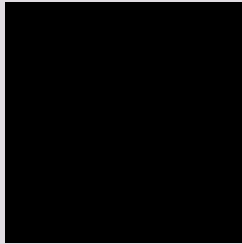
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

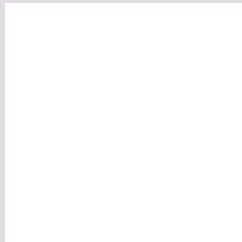
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2114, 0.3123, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 73.2114, 0.3123, 0.3236.

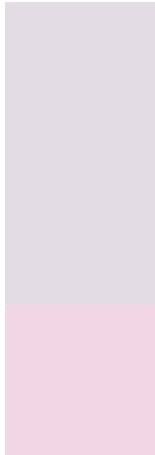


This preview shows how white text looks on a background with the Yxy color 73.2114, 0.3123, 0.3236.

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

73.2114, 0.3123, 0.3236

Protanopia

73.2114, 0.3123, 0.3236

Deuteranopia

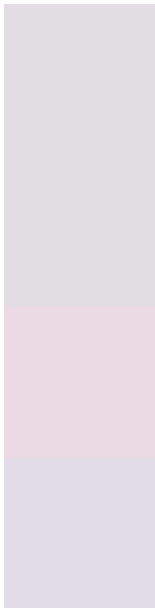
72.8477, 0.3235, 0.3166



Tritanopia

73.1084, 0.3066, 0.3100

Trichromacy



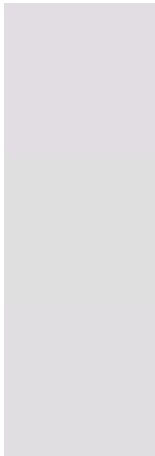
Original Color
73.2114, 0.3123, 0.3236

Protanomaly
73.2114, 0.3123, 0.3236

Deuteranomaly
72.8339, 0.3190, 0.3185

Tritanomaly
73.2383, 0.3084, 0.3152

Monochromacy



Original Color
73.2114, 0.3123, 0.3236

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 73.2114, 0.3123, 0.3236 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(225, 221, 226) looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 221, 226) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 73.2114, 0.3123, 0.3236 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(225, 221, 226) }
```

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

```
.border{ border-color:rgb(225, 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(225, 221, 226) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 73.2114, 0.3123, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(225,  
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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