

Converting Colors

$Y_{xy}(75.3000, 0.3069, 0.3141)$

Have a look what the booklet for
Yxy(75.3000, 0.3069, 0.3141)
contains.

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Color

Yxy(75.3838, 0.3072, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	E4DFED
RGB	228, 223, 237
RGB Percent	89%, 87%, 93%
CMY	0.1057, 0.1255, 0.0706
CMYK	0.04, 0.06, 0.00, 0.07
HSL	262°, 28%, 90%
HSV	262°, 6%, 93%
XYZ	73.6809, 75.3838, 90.7820
YIQ	226.0910, -1.5140, 5.4140

Conversions

Conversions Part 2

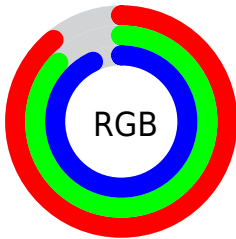
Format	Color
R_{YB}	228, 223, 237
Decimal	14999533
CIE Lab	89.57, 4.26, -6.22
CIE LCh	90, 7.537, 304.413
Yxy	75.3838, 0.3072, 0.3143
Android (android.graphics.Color)	4293189613 (0xFFE4DFED)
YUV	226.0910, 5.3781, 1.6742
Hunter-Lab	86.8238, -0.4622, -1.2162

Details

The Yxy color **75.3838, 0.3072, 0.3143** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.0352, 0.3180, 0.3436**, and the grayscale version is **76.0906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2257, 0.3063, 0.3114** is the 20% darker color. If you saturate the color by 10%, you get **61.2308, 0.2967, 0.2874**, and if you desaturate by 10%, it is **91.5320, 0.3162, 0.3386**.

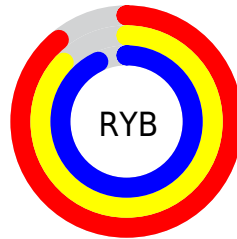
Distribution



Red (89%)

Green (87%)

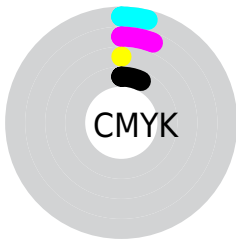
Blue (93%)



Red (89%)

Yellow (87%)

Blue (93%)

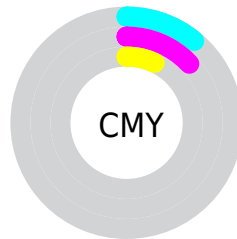


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (11%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.3838, 0.3072, 0.3143 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 75.3838, 0.3072, 0.3143 by changing the saturation by 10% instead.

■ 75.3838, 0.3072,
0.3143

■ 75.3838, 0.3072,
0.3143

479.2357, 0.3098,
0.3210

■ 55.9274, 0.3066,
0.3128

126.8555, 0.3081,
0.3166

■ 40.1447, 0.3059,
0.3109

159.6396, 0.3084,
0.3175

■ 27.6514, 0.3050,
0.3086

197.6349, 0.3087,
0.3183

■ 18.0630, 0.3038,
0.3056

241.2261, 0.3090,
0.3190

■ 10.9952, 0.3021,
0.3015

290.7973, 0.3092,
0.3196

■ 6.0636, 0.2997,
0.2957

346.7331, 0.3094,

■ 2.8838, 0.2960,

0.3201

0.2868

409.4177, 0.3096,
0.3206

■ 1.0714, 0.2892,
0.2716

■ 0.0000, 0.1334,
0.0000

■ 75.3838, 0.3072,
0.3143

■ 75.3838, 0.3072,
0.3143

■ 61.2308, 0.2967,
0.2874

■ 91.5320, 0.3162,
0.3386

■ 48.9846, 0.2845,
0.2582

■ 98.8941, 0.3232,
0.3464

■ 38.5645, 0.2709,
0.2273

■ 29.8799, 0.2558,
0.1956

■ 22.8325, 0.2398,
0.1644

■ 17.3138, 0.2236,
0.1354

■ 13.2017, 0.2078,
0.1106

■ 10.3544, 0.1935,
0.0914

■ 8.5975, 0.1814,
0.0788

Harmonies

Analogous

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



75.3838, 0.2997, 0.3141



75.3838, 0.3072, 0.3143



75.3838, 0.3163, 0.3183

Triad

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



75.3838, 0.3072, 0.3143



75.3838, 0.3300, 0.3399



75.3838, 0.3010, 0.3330

Complementary

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



75.3838, 0.3072, 0.3143



83.0352, 0.3180, 0.3436

Split Complementary

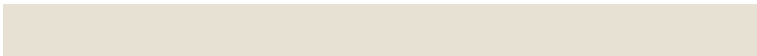
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3838, 0.3090, 0.3401



75.3838, 0.3072, 0.3143



75.3838, 0.3258, 0.3441

Square

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



75.3838, 0.3072, 0.3143



75.3838, 0.3295, 0.3329



75.3838, 0.3181, 0.3442



75.3838, 0.2962, 0.3248

Rectangle

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



75.3838, 0.3072, 0.3143



75.3838, 0.3220, 0.3225



75.3838, 0.3181, 0.3442



75.3838, 0.3034, 0.3356

Sweetspot

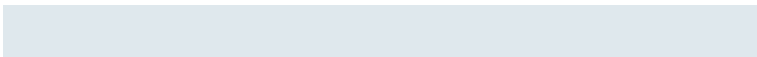
The Sweet Spot groups the original color and five complimentary colors.



75.3870, 0.3072, 0.3143



96.1771, 0.3109, 0.3241



79.5654, 0.3036, 0.3238



20.6259, 0.3110, 0.3244



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.



75.3870, 0.3072, 0.3143



87.0387, 0.3061, 0.3114



76.5276, 0.3119, 0.3145



15.3986, 0.3056, 0.3100



4.4800, 0.1787, 0.0758



0.4044, 0.1940, 0.0843

Inverse Universe

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



76.5950, 0.3167, 0.3198



88.7262, 0.3175, 0.3180



81.9139, 0.3134, 0.3438



15.7229, 0.3179, 0.3171



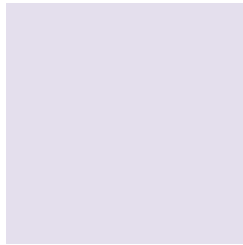
11.0798, 0.4384, 0.2189



0.8884, 0.4178, 0.2075

Previews

White Background



This preview shows how the Yxy color 75.3838, 0.3072, 0.3143 looks on a white background.

Color Contrast Check

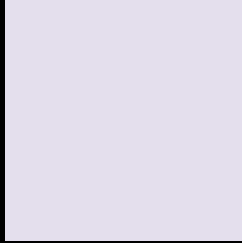
Large Text (above 18pt) WCAG AA × Fail

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 75.3838, 0.3072, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

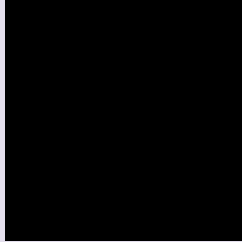
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

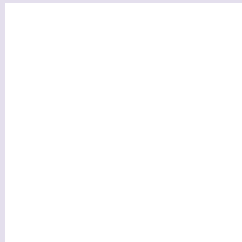
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3838, 0.3072, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 75.3838, 0.3072, 0.3143.

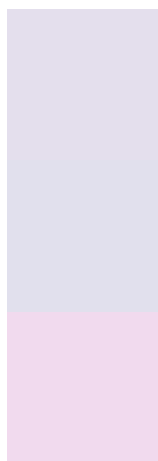


This preview shows how white text looks on a background with the Yxy color 75.3838, 0.3072, 0.3143.

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

75.3838, 0.3072, 0.3143

Protanopia

75.4333, 0.3051, 0.3153

Deuteranopia

75.0166, 0.3158, 0.3086



Tritanopia

75.1918, 0.3060, 0.3102

Trichromacy



Original Color

75.3838, 0.3072, 0.3143

Protanomaly

75.5945, 0.3058, 0.3153

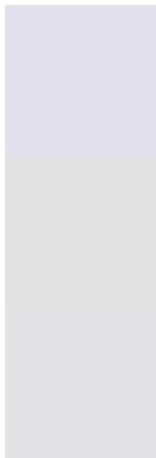
Deuteranomaly

75.1923, 0.3122, 0.3104

Tritanomaly

75.1326, 0.3066, 0.3112

Monochromacy



Original Color

75.3838, 0.3072, 0.3143

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.8945, 0.3109, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3838, 0.3072, 0.3143 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, 223, 237)` looks like.

```
.text, #text, p{  
    color:rgb(228, 223, 237)  
}
```

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, 223, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 223, 237) }
```

Border

The CSS property to change the border of an element to Yxy 75.3838, 0.3072, 0.3143 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, 223, 237) }
```

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

```
.border{ border-color:rgb(228, 223, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 223, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 223, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 223, 237); box-shadow:4px 4px 4px 4px rgb(228, 223, 237) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3838, 0.3072, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 223, 237) }
```

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

```
.background{ background-color: rgb(228,  
223, 237) }
```

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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