

Converting Colors

$Yxy(73.1552, 0.3086, 0.3121)$

Have a look what the booklet for
Yxy(73.1552, 0.3086, 0.3121)
contains.

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Color

Yxy(73.1552, 0.3086, 0.3121)

Conversions

Conversions Part 1

Format	Color
Hex	E4DBEB
RGB	228, 219, 235
RGB Percent	89%, 86%, 92%
CMY	0.1057, 0.1412, 0.0784
CMYK	0.03, 0.07, 0.00, 0.08
HSL	274°, 29%, 89%
HSV	274°, 7%, 92%
XYZ	72.3348, 73.1552, 88.9067
YIQ	223.5150, 0.2280, 6.8840

Conversions

Conversions Part 2

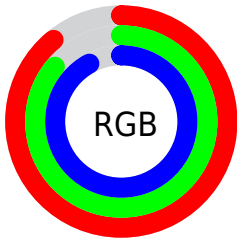
Format	Color
R _Y B	228, 219, 235
Decimal	14998507
CIE Lab	88.52, 5.97, -6.72
CIE LCh	89, 8.995, 311.621
Yxy	73.1552, 0.3086, 0.3121
Android (android.graphics.Color)	4293188587 (0xFFE4DBEB)
YUV	223.5150, 5.6621, 3.9333
Hunter-Lab	85.5308, 1.2815, -1.7586

Details

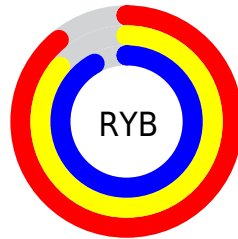
The Yxy color **73.1552, 0.3086, 0.3121** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.6908, 0.3166, 0.3460**, and the grayscale version is **74.1428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6898, 0.3081, 0.3085** is the 20% darker color. If you saturate the color by 10%, you get **60.1316, 0.3016, 0.2857**, and if you desaturate by 10%, it is **88.0144, 0.3145, 0.3366**.

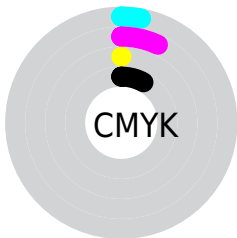
Distribution



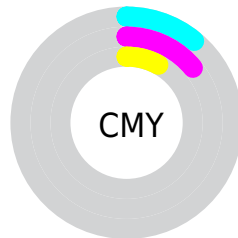
- Red (89%)
- Green (86%)
- Blue (92%)



- Red (89%)
- Yellow (86%)
- Blue (92%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)





- Cyan (11%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1552, 0.3086, 0.3121 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 73.1552, 0.3086, 0.3121 by changing the saturation by 10% instead.


 73.1552, 0.3086,
0.3121

 73.1552, 0.3086,
0.3121


471.5525, 0.3105,
0.3198

 54.1029, 0.3081,
0.3104


123.6975, 0.3093,
0.3148

 38.6839, 0.3076,
0.3082


155.9563, 0.3095,
0.3158

 26.5139, 0.3069,
0.3055


193.3860, 0.3098,
0.3167

 17.2085, 0.3059,
0.3020

236.3711, 0.3100,
0.3175

 10.3833, 0.3046,
0.2972

285.2959, 0.3101,
0.3182

 5.6538, 0.3027,
0.2905

340.5448, 0.3103,

 2.6357, 0.2996,

0.3188

0.2801

402.5022, 0.3104,
0.3193

■ 0.9447, 0.2937,
0.2620

■ 0.0000, 0.0000,
0.0000

■ 73.1552, 0.3086,
0.3121

■ 73.1552, 0.3086,
0.3121

■ 60.1316, 0.3016,
0.2857

■ 88.0144, 0.3145,
0.3366

■ 48.8602, 0.2936,
0.2577

■ 97.5563, 0.3202,
0.3486

■ 39.2654, 0.2843,
0.2287

■ 98.7784, 0.3244,
0.3483

■ 31.2620, 0.2740,
0.1997

■ 24.7572, 0.2628,
0.1719

■ 19.6484, 0.2512,
0.1467

■ 15.8193, 0.2394,
0.1255

■ 13.1343, 0.2281,
0.1092

■ 11.4205, 0.2176,
0.0983

Harmonies

Analogous

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



73.1552, 0.2989, 0.3107



73.1552, 0.3086, 0.3121



73.1552, 0.3196, 0.3178

Triad

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



73.1552, 0.3086, 0.3121



73.1552, 0.3328, 0.3437



73.1552, 0.2968, 0.3314

Complementary

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



73.1552, 0.3086, 0.3121



80.6908, 0.3166, 0.3460

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.



73.1552, 0.3057, 0.3406



73.1552, 0.3086, 0.3121



73.1552, 0.3265, 0.3477

Square

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



73.1552, 0.3086, 0.3121



73.1552, 0.3337, 0.3358



73.1552, 0.3166, 0.3467



73.1552, 0.2922, 0.3216

Rectangle

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



73.1552, 0.3086, 0.3121



73.1552, 0.3261, 0.3233



73.1552, 0.3166, 0.3467



73.1552, 0.2994, 0.3347

Sweetspot

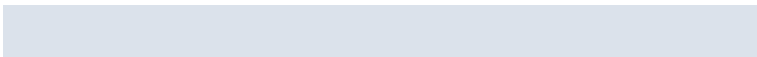
The Sweet Spot groups the original color and five complimentary colors.



73.1583, 0.3086, 0.3121



96.3719, 0.3116, 0.3241



75.5554, 0.3022, 0.3196



20.6656, 0.3116, 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.



73.1583, 0.3086, 0.3121



86.0279, 0.3078, 0.3090



74.2718, 0.3140, 0.3132



14.9697, 0.3069, 0.3053



6.1928, 0.2160, 0.0963



0.5430, 0.2299, 0.1040

Inverse Universe

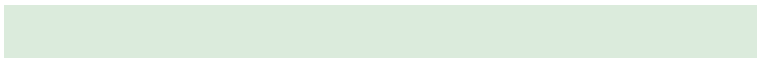
The Inverse Universe completely reimagines the original color for something new.



73.8071, 0.3196, 0.3217



86.9461, 0.3209, 0.3204



79.6330, 0.3114, 0.3453



15.1626, 0.3225, 0.3188



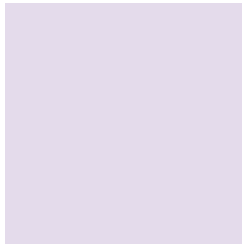
10.3877, 0.5235, 0.2658



0.8347, 0.4886, 0.2465

Previews

White Background



This preview shows how the Yxy color 73.1552, 0.3086, 0.3121 looks on a white background.

Color Contrast Check

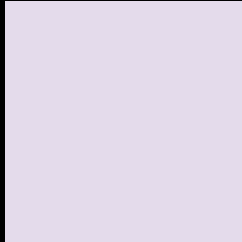
Large Text (above 18pt) WCAG AA × Fail

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 73.1552, 0.3086, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

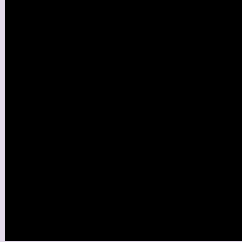
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

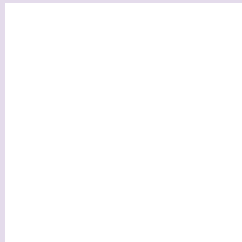
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1552, 0.3086, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 73.1552, 0.3086, 0.3121.

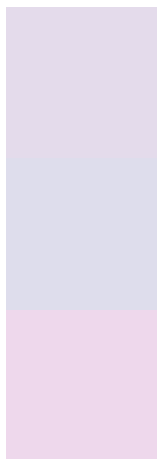


This preview shows how white text looks on a background with the Yxy color 73.1552, 0.3086, 0.3121.

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

73.1552, 0.3086, 0.3121

Protanopia

73.2986, 0.3037, 0.3130

Deuteranopia

73.3450, 0.3151, 0.3083



Tritanopia

73.2131, 0.3079, 0.3111

Trichromacy



Original Color

73.1552, 0.3086, 0.3121

Protanomaly

73.0898, 0.3051, 0.3120

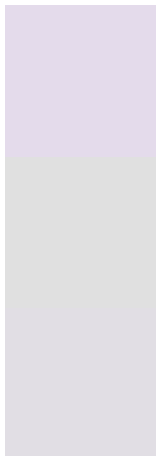
Deuteranomaly

73.1743, 0.3122, 0.3092

Tritanomaly

73.2131, 0.3079, 0.3111

Monochromacy



Original Color

73.1552, 0.3086, 0.3121

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.8515, 0.3109, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1552, 0.3086, 0.3121 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(228, 219, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 219, 235) }
```

Border

The CSS property to change the border of an element to Yxy 73.1552, 0.3086, 0.3121 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, 235) }
```

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

```
.border{ border-color:rgb(228, 219, 235) }
```

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, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 219, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 219, 235);  
box-shadow:4px 4px 4px 4px rgb(228, 219,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1552, 0.3086, 0.3121 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, 235) }
```

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

```
.background{ background-color: rgb(228,  
219, 235) }
```

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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