

Converting Colors

$Yxy(73.9954, 0.3182, 0.3164)$

Have a look what the booklet for
Yxy(73.9954, 0.3182, 0.3164)
contains.

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Color

Yxy(73.8605, 0.3183, 0.3165)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EDDAE6 |
| RGB | 237, 218, 230 |
| RGB Percent | 93%, 85%, 90% |
| CMY | 0.0706, 0.1451, 0.0979 |
| CMYK | 0.00, 0.08, 0.03, 0.07 |
| HSL | 322°, 35%, 89% |
| HSV | 322°, 8%, 93% |
| XYZ | 74.2806, 73.8605, 85.2254 |
| YIQ | 225.0490, 7.4720, 7.7600 |

Conversions

Conversions Part 2

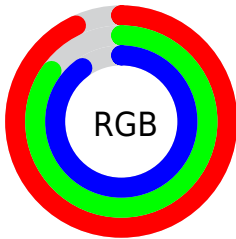
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 237, 218, 230 |
| Decimal | 15588070 |
| CIE Lab | 88.86, 8.59, -3.53 |
| CIE LCh | 89, 9.285, 337.654 |
| Yxy | 73.8605, 0.3183, 0.3165 |
| Android (android.graphics.Color) | 4293778150 (0xFFEDDAE6) |
| YUV | 225.0490, 2.4408, 10.4810 |
| Hunter-Lab | 85.9421, 3.8804, 1.3639 |

Details

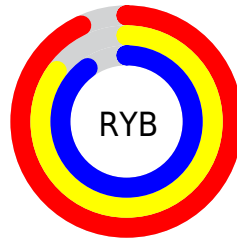
The Yxy color **73.8605, 0.3183, 0.3165** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.9052, 0.3075, 0.3418**, and the grayscale version is **75.3126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1133, 0.3191, 0.3129** is the 20% darker color. If you saturate the color by 10%, you get **61.9618, 0.3265, 0.3002**, and if you desaturate by 10%, it is **87.5474, 0.3115, 0.3320**.

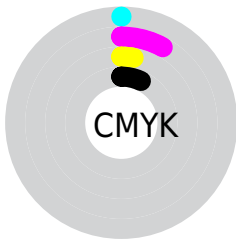
Distribution



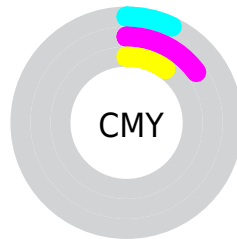
- Red (93%)
- Green (85%)
- Blue (90%)



- Red (93%)
- Yellow (85%)
- Blue (90%)



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




- Cyan (7%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.8605, 0.3183, 0.3165 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 73.8605, 0.3183, 0.3165 by changing the saturation by 10% instead.


 73.8605, 0.3183,
0.3165

 73.8605, 0.3183,
0.3165


473.9918, 0.3158,
0.3222

 54.6799, 0.3189,
0.3152


124.6980, 0.3174,
0.3185

 39.1455, 0.3196,
0.3136


157.1237, 0.3171,
0.3192

 26.8729, 0.3205,
0.3116


194.7332, 0.3168,
0.3199

 17.4778, 0.3216,
0.3090

237.9110, 0.3165,
0.3205

 10.5757, 0.3232,
0.3055

287.0413, 0.3163,
0.3210

 5.7823, 0.3254,
0.3005

342.5086, 0.3161,

 2.7132, 0.3288,

0.3215

0.2928

404.6973, 0.3159,
0.3219

0.9839, 0.3347,
0.2794

0.0000, 0.4504,
0.0000

73.8605, 0.3183,
0.3165

73.8605, 0.3183,
0.3165

61.9618, 0.3265,
0.3002

87.5474, 0.3115,
0.3320

51.7670, 0.3361,
0.2835

96.2642, 0.3060,
0.3365

43.1995, 0.3473,
0.2668

96.7434, 0.3017,
0.3290

36.1731, 0.3602,
0.2510

■ 30.5934, 0.3746,
0.2370

■ 26.3557, 0.3903,
0.2260

■ 23.3410, 0.4068,
0.2191

■ 21.4092, 0.4234,
0.2172

■ 20.3665, 0.4396,
0.2204

Harmonies

Analogous

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



73.8605, 0.3070, 0.3112



73.8605, 0.3183, 0.3165



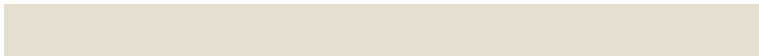
73.8605, 0.3282, 0.3251

Triad

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



73.8605, 0.3183, 0.3165



73.8605, 0.3281, 0.3480



73.8605, 0.2919, 0.3226

Complementary

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



73.8605, 0.3183, 0.3165



80.9052, 0.3075, 0.3418

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.



73.8605, 0.2974, 0.3328



73.8605, 0.3183, 0.3165



73.8605, 0.3181, 0.3476

Square

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



73.8605, 0.3183, 0.3165



73.8605, 0.3339, 0.3432



73.8605, 0.3069, 0.3420



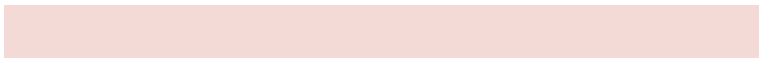
73.8605, 0.2920, 0.3145

Rectangle

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



73.8605, 0.3183, 0.3165



73.8605, 0.3326, 0.3316



73.8605, 0.3069, 0.3420



73.8605, 0.2932, 0.3259

Sweetspot

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



73.8637, 0.3183, 0.3165



96.6692, 0.3140, 0.3259



72.2618, 0.3052, 0.3089



20.7261, 0.3140, 0.3261



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

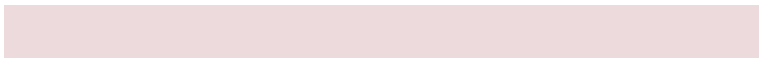
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8637, 0.3183, 0.3165



84.2080, 0.3198, 0.3133



73.3447, 0.3248, 0.3264



15.2146, 0.3194, 0.3142



11.0597, 0.4403, 0.2199



0.8869, 0.4194, 0.2084

Inverse Universe

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



73.8637, 0.3183, 0.3165



84.2080, 0.3198, 0.3133



81.4377, 0.3018, 0.3316



15.2146, 0.3194, 0.3142



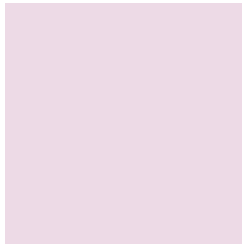
11.0597, 0.4403, 0.2199



0.8869, 0.4194, 0.2084

Previews

White Background



This preview shows how the Yxy color 73.8605, 0.3183, 0.3165 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 73.8605, 0.3183, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

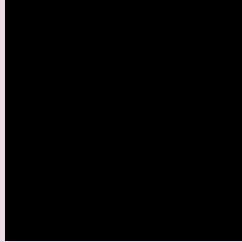
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

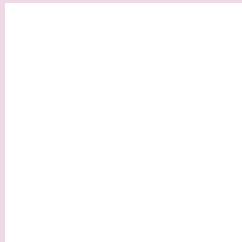
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8605, 0.3183, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 73.8605, 0.3183, 0.3165.

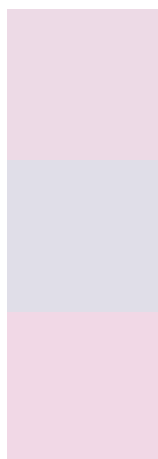


This preview shows how white text looks on a background with the Yxy color 73.8605, 0.3183, 0.3165.

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

73.8605, 0.3183, 0.3165

Protanopia

73.9160, 0.3076, 0.3183

Deuteranopia

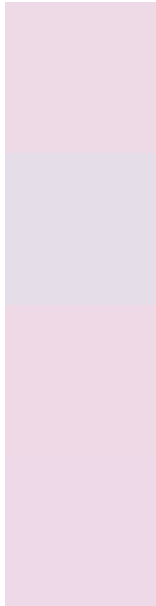
73.5257, 0.3214, 0.3146



Tritanopia

73.7434, 0.3164, 0.3114

Trichromacy



Original Color

73.8605, 0.3183, 0.3165

Protanomaly

74.1404, 0.3118, 0.3184

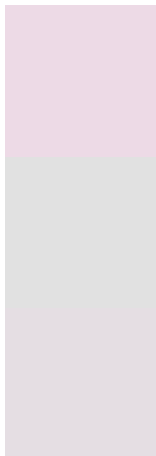
Deuteranomaly

73.8641, 0.3206, 0.3156

Tritanomaly

73.6860, 0.3171, 0.3124

Monochromacy



Original Color

73.8605, 0.3183, 0.3165

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.4466, 0.3144, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8605, 0.3183, 0.3165 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(237, 218, 230)` looks like.

```
.text, #text, p{  
    color:rgb(237, 218, 230)  
}
```

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(237, 218, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 218, 230) }
```

Border

The CSS property to change the border of an element to Yxy 73.8605, 0.3183, 0.3165 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(237, 218, 230) }
```

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

```
.border{ border-color:rgb(237, 218, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 218, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 218, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 218, 230);  
box-shadow:4px 4px 4px 4px rgb(237, 218,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8605, 0.3183, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 218, 230) }
```

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

```
.background{ background-color: rgb(237,  
218, 230) }
```

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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