

Converting Colors

Yxy(73.4343, 0.3140, 0.3136)

Have a look what the booklet for
Yxy(73.4343, 0.3140, 0.3136)
contains.

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Color

Yxy(73.5184, 0.3142, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	EADAE9
RGB	234, 218, 233
RGB Percent	92%, 85%, 91%
CMY	0.0821, 0.1452, 0.0862
CMYK	0.00, 0.07, 0.00, 0.08
HSL	304°, 28%, 89%
HSV	304°, 7%, 92%
XYZ	73.7296, 73.5184, 87.4102
YIQ	224.4940, 4.7210, 8.0570

Conversions

Conversions Part 2

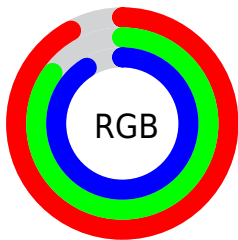
Format	Color
RYB	234, 218, 233
Decimal	15391465
CIELab	88.69, 8.15, -5.37
CIElCh	89, 9.757, 326.597
Yxy	73.5184, 0.3142, 0.3133
Android (android.graphics.Color)	4293581545 (0xFFEADAE9)
YUV	224.4940, 4.1935, 8.3368
Hunter-Lab	85.7429, 3.4407, -0.4229

Details

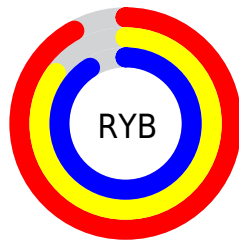
The Yxy color **73.5184, 0.3142, 0.3133** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.9030, 0.3113, 0.3452**, and the grayscale version is **74.8880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8337, 0.3145, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **62.1415, 0.3166, 0.2898**, and if you desaturate by 10%, it is **86.6166, 0.3121, 0.3360**.

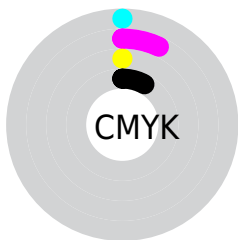
Distribution



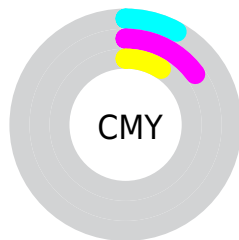
- Red (92%)
- Green (85%)
- Blue (91%)



- Red (92%)
- Yellow (85%)
- Blue (91%)



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





- Cyan (8%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5184, 0.3142, 0.3133 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 73.5184, 0.3142, 0.3133 by changing the saturation by 10% instead.


 73.5184, 0.3142,
0.3133

 73.5184, 0.3142,
0.3133

472.8095, 0.3136,
0.3205

 54.4000, 0.3143,
0.3117

124.2129, 0.3140,
0.3158

 38.9215, 0.3145,
0.3097


156.5577, 0.3139,
0.3167

 26.6987, 0.3147,
0.3072


194.0801, 0.3138,
0.3176

 17.3470, 0.3150,
0.3039

237.1644, 0.3138,
0.3183

 10.4822, 0.3153,
0.2996

286.1952, 0.3137,
0.3189

 5.7198, 0.3157,
0.2933

341.5567, 0.3136,

 2.6755, 0.3163,

0.3195

0.2838

403.6333, 0.3136,
0.3200

0.9648, 0.3170,
0.2673

0.0000, 0.2198,
0.0000

73.5184, 0.3142,
0.3133

73.5184, 0.3142,
0.3133

62.1415, 0.3166,
0.2898

86.6166, 0.3121,
0.3360

52.4050, 0.3191,
0.2662

95.0841, 0.3106,
0.3480

44.2354, 0.3219,
0.2431

95.1730, 0.3097,
0.3464

37.5503, 0.3247,
0.2214

95.2628, 0.3089,
0.3449

■ 32.2595, 0.3276,
0.2022

■ 95.3532, 0.3080,
0.3433

■ 28.2631, 0.3304,
0.1864

■ 95.4445, 0.3071,
0.3418

■ 25.4479, 0.3330,
0.1747

■ 95.5365, 0.3063,
0.3403

■ 23.6814, 0.3354,
0.1674

■ 95.6293, 0.3054,
0.3387

■ 22.7938, 0.3376,
0.1642

■ 95.7228, 0.3046,
0.3372

Harmonies

Analogous

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



73.5184, 0.3026, 0.3093



73.5184, 0.3142, 0.3133



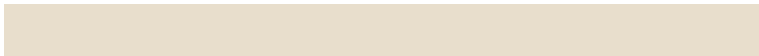
73.5184, 0.3256, 0.3213

Triad

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



73.5184, 0.3142, 0.3133



73.5184, 0.3318, 0.3477



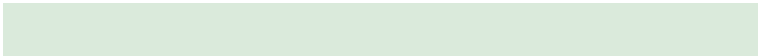
73.5184, 0.2923, 0.3261

Complementary

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



73.5184, 0.3142, 0.3133



78.9030, 0.3113, 0.3452

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.



73.5184, 0.2999, 0.3369



73.5184, 0.3142, 0.3133



73.5184, 0.3226, 0.3495

Square

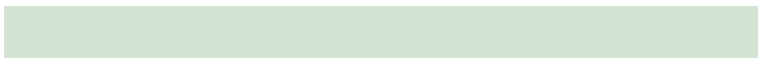
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5184, 0.3142, 0.3133



73.5184, 0.3358, 0.3410



73.5184, 0.3109, 0.3455



73.5184, 0.2902, 0.3165

Rectangle

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



73.5184, 0.3142, 0.3133



73.5184, 0.3314, 0.3279



73.5184, 0.3109, 0.3455



73.5184, 0.2943, 0.3297

Sweetspot

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



73.5216, 0.3142, 0.3133



96.7677, 0.3131, 0.3245



71.1045, 0.3028, 0.3116



20.7461, 0.3131, 0.3247



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.



73.5216, 0.3142, 0.3133



87.5826, 0.3145, 0.3106



73.0855, 0.3194, 0.3214



15.2959, 0.3148, 0.3073



12.7044, 0.3379, 0.1635



1.0027, 0.3353, 0.1621

Inverse Universe

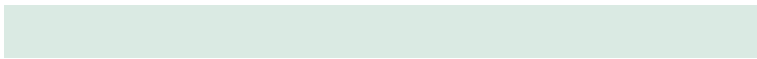
The Inverse Universe completely reimagines the original color for something new.



73.5216, 0.3142, 0.3133



87.5826, 0.3145, 0.3106



79.3237, 0.3065, 0.3367



15.2959, 0.3148, 0.3073



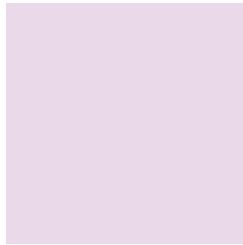
12.7044, 0.3379, 0.1635



1.0027, 0.3353, 0.1621

Previews

White Background



This preview shows how the Yxy color 73.5184, 0.3142, 0.3133 looks on a white background.

Color Contrast Check

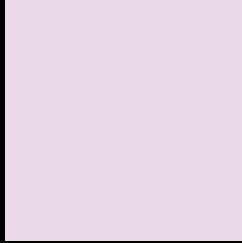
Large Text (above 18pt) WCAG AA × Fail

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 73.5184, 0.3142, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

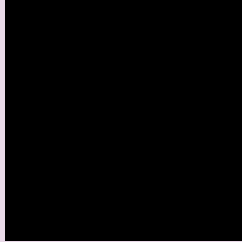
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

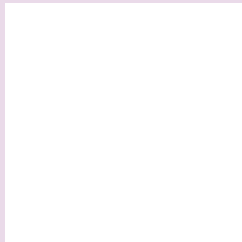
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5184, 0.3142, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 73.5184, 0.3142, 0.3133.

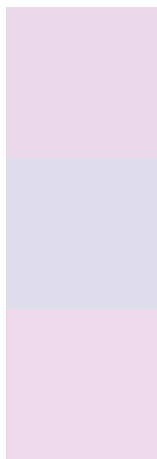


This preview shows how white text looks on a background with the Yxy color 73.5184, 0.3142, 0.3133.

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

73.5184, 0.3142, 0.3133

Protanopia

73.3990, 0.3050, 0.3141

Deuteranopia

73.3456, 0.3179, 0.3114



Tritanopia

73.6334, 0.3128, 0.3113

Trichromacy



Original Color

73.5184, 0.3142, 0.3133

Protanomaly

73.4578, 0.3085, 0.3142

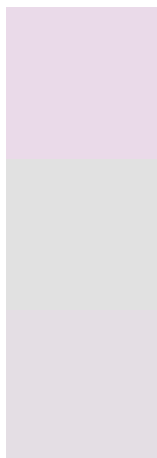
Deuteranomaly

73.5134, 0.3164, 0.3124

Tritanomaly

73.5757, 0.3135, 0.3123

Monochromacy



Original Color

73.5184, 0.3142, 0.3133

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.3380, 0.3130, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5184, 0.3142, 0.3133 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(234, 218, 233)` looks like.

```
.text, #text, p{  
    color:rgb(234, 218, 233)  
}
```

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(234, 218, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 218, 233) }
```

Border

The CSS property to change the border of an element to Yxy 73.5184, 0.3142, 0.3133 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(234, 218, 233) }
```

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

```
.border{ border-color:rgb(234, 218, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 218, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 218, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 218, 233);  
box-shadow:4px 4px 4px 4px rgb(234, 218,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5184, 0.3142, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 218, 233) }
```

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

```
.background{ background-color: rgb(234,  
218, 233) }
```

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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