

Converting Colors

$Y_{xy}(73.3456, 0.3179, 0.3114)$

Have a look what the booklet for
Yxy(73.3456, 0.3179, 0.3114)
contains.

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Color

Yxy(73.3456, 0.3179, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	EFD8E9
RGB	239, 216, 233
RGB Percent	94%, 85%, 91%
CMY	0.0625, 0.1530, 0.0862
CMYK	0.00, 0.10, 0.03, 0.06
HSL	316°, 42%, 89%
HSV	316°, 10%, 94%
XYZ	74.8766, 73.3456, 87.3128
YIQ	224.8150, 8.2510, 10.1630

Conversions

Conversions Part 2

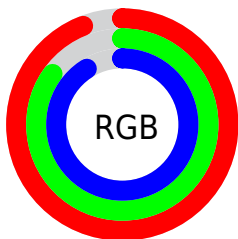
Format	Color
R _Y B	239, 216, 233
Decimal	15718633
CIE Lab	88.61, 10.87, -5.44
CIE LCh	89, 12.156, 333.395
Yxy	73.3456, 0.3179, 0.3114
Android (android.graphics.Color)	4293908713 (0xFFEFD8E9)
YUV	224.8150, 4.0352, 12.4402
Hunter-Lab	85.6420, 6.1884, -0.4972

Details

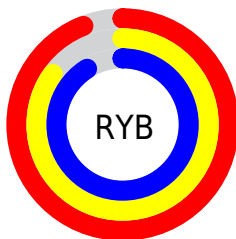
The Yxy color **73.3456, 0.3179, 0.3114** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.6394, 0.3079, 0.3473**, and the grayscale version is **75.1282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7313, 0.3194, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **61.6273, 0.3242, 0.2924**, and if you desaturate by 10%, it is **86.8649, 0.3125, 0.3296**.

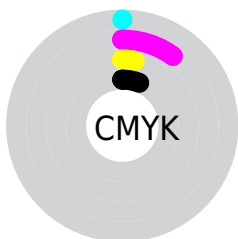
Distribution



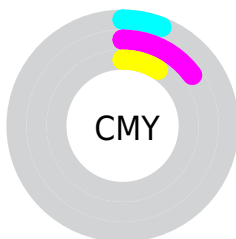
- Red (94%)
- Green (85%)
- Blue (91%)



- Red (94%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (6%)



- Cyan (6%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3456, 0.3179, 0.3114 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 73.3456, 0.3179, 0.3114 by changing the saturation by 10% instead.

73.3456, 0.3179,
0.3114

73.3456, 0.3179,
0.3114

472.2117, 0.3156,
0.3194

54.2586, 0.3184,
0.3096

123.9677, 0.3171,
0.3142

38.8084, 0.3191,
0.3074

156.2716, 0.3168,
0.3152

26.6107, 0.3199,
0.3046

193.7499, 0.3165,
0.3162

17.2811, 0.3209,
0.3010

236.7871, 0.3163,
0.3170

10.4351, 0.3223,
0.2961

285.7674, 0.3161,
0.3177

5.6884, 0.3242,
0.2892

341.0754, 0.3159,

2.6565, 0.3271,

0.3183

0.2787

403.0954, 0.3157,
0.3189

0.9552, 0.3319,
0.2606

0.0000, 0.3587,
0.0000

73.3456, 0.3179,
0.3114

73.3456, 0.3179,
0.3114

61.6273, 0.3242,
0.2924

86.8649, 0.3125,
0.3296

51.6236, 0.3314,
0.2732

96.5064, 0.3083,
0.3383

43.2555, 0.3397,
0.2542

96.8964, 0.3048,
0.3321

36.4338, 0.3490,
0.2365

97.1010, 0.3030,
0.3290

■ 31.0608, 0.3590,
0.2210

■ 27.0278, 0.3697,
0.2087

■ 24.2105, 0.3806,
0.2007

■ 22.4613, 0.3913,
0.1975

■ 21.5405, 0.4017,
0.1988

Harmonies

Analogous

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



73.3456, 0.3032, 0.3052



73.3456, 0.3179, 0.3114



73.3456, 0.3315, 0.3220

Triad

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



73.3456, 0.3179, 0.3114



73.3456, 0.3343, 0.3534



73.3456, 0.2862, 0.3223

Complementary

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



73.3456, 0.3179, 0.3114



81.6394, 0.3079, 0.3473

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.



73.3456, 0.2941, 0.3358



73.3456, 0.3179, 0.3114



73.3456, 0.3218, 0.3541

Square

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



73.3456, 0.3179, 0.3114



73.3456, 0.3411, 0.3462



73.3456, 0.3071, 0.3476



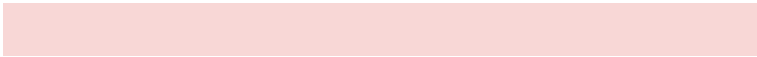
73.3456, 0.2851, 0.3111

Rectangle

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



73.3456, 0.3179, 0.3114



73.3456, 0.3379, 0.3304



73.3456, 0.3071, 0.3476



73.3456, 0.2881, 0.3268

Sweetspot

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



73.3488, 0.3179, 0.3114



95.0874, 0.3142, 0.3236



70.8297, 0.3016, 0.3044



20.0786, 0.3147, 0.3221



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.



73.3488, 0.3179, 0.3114



81.5012, 0.3193, 0.3069



72.7253, 0.3256, 0.3230



15.9566, 0.3178, 0.3117



11.9050, 0.4005, 0.1980



1.0066, 0.3876, 0.1909

Inverse Universe

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



73.3488, 0.3179, 0.3114



81.5012, 0.3193, 0.3069



82.2639, 0.3012, 0.3351



15.9566, 0.3178, 0.3117



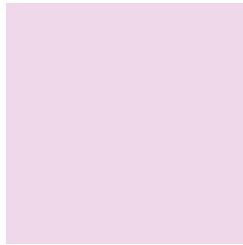
11.9050, 0.4005, 0.1980



1.0066, 0.3876, 0.1909

Previews

White Background



This preview shows how the Yxy color 73.3456, 0.3179, 0.3114 looks on a white background.

Color Contrast Check

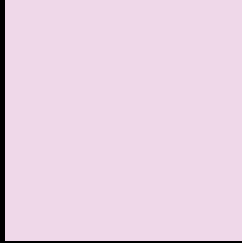
Large Text (above 18pt) WCAG AA × Fail

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 73.3456, 0.3179, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

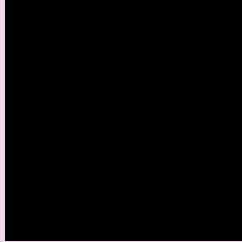
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

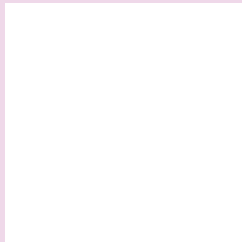
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3456, 0.3179, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 73.3456, 0.3179, 0.3114.



This preview shows how white text looks on a background with the Yxy color 73.3456, 0.3179, 0.3114.

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

73.3456, 0.3179, 0.3114

Protanopia

73.4570, 0.3044, 0.3130

Deuteranopia

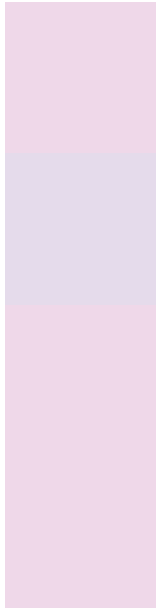
73.3456, 0.3179, 0.3114



Tritanopia

73.3456, 0.3179, 0.3114

Trichromacy



Original Color

73.3456, 0.3179, 0.3114

Protanomaly

73.3192, 0.3093, 0.3122

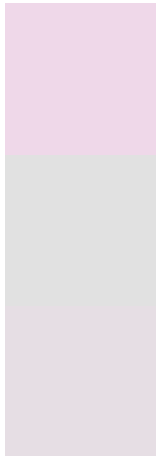
Deuteranomaly

73.3456, 0.3179, 0.3114

Tritanomaly

73.3456, 0.3179, 0.3114

Monochromacy



Original Color

73.3456, 0.3179, 0.3114

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.6670, 0.3144, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3456, 0.3179, 0.3114 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(239, 216, 233)` looks like.

```
.text, #text, p{  
    color:rgb(239, 216, 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(239, 216, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 216, 233) }
```

Border

The CSS property to change the border of an element to Yxy 73.3456, 0.3179, 0.3114 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(239, 216, 233) }
```

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

```
.border{ border-color:rgb(239, 216, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 216, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 216, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 216, 233);  
box-shadow:4px 4px 4px 4px rgb(239, 216,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3456, 0.3179, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 216, 233) }
```

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

```
.background{ background-color: rgb(239,  
216, 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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