

Converting Colors

$Yxy(73.4191, 0.3158, 0.3107)$

Have a look what the booklet for
Yxy(73.4191, 0.3158, 0.3107)
contains.

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Color

Yxy(73.5707, 0.3157, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	EDD9EA
RGB	237, 217, 234
RGB Percent	93%, 85%, 92%
CMY	0.0706, 0.1490, 0.0824
CMYK	0.00, 0.08, 0.01, 0.07
HSL	309°, 36%, 89%
HSV	309°, 8%, 93%
XYZ	74.5866, 73.5707, 88.1006
YIQ	224.9180, 6.4630, 9.5270

Conversions

Conversions Part 2

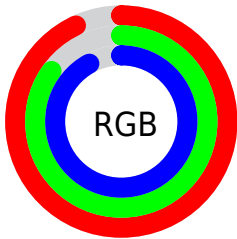
Format	Color
RYB	237, 217, 234
Decimal	15587818
CIELab	88.72, 9.81, -5.82
CIELCh	89, 11.406, 329.338
Yxy	73.5707, 0.3157, 0.3114
Android (android.graphics.Color)	4293777898 (0xFFEDD9EA)
YUV	224.9180, 4.4774, 10.5959
Hunter-Lab	85.7734, 5.1162, -0.8573

Details

The Yxy color **73.5707, 0.3157, 0.3114** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.4884, 0.3099, 0.3473**, and the grayscale version is **75.1981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8788, 0.3165, 0.3076** is the 20% darker color. If you saturate the color by 10%, you get **62.0173, 0.3197, 0.2899**, and if you desaturate by 10%, it is **86.8890, 0.3122, 0.3322**.

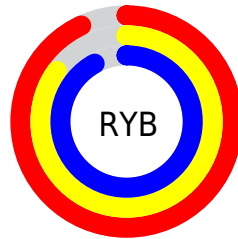
Distribution



Red (93%)

Green (85%)

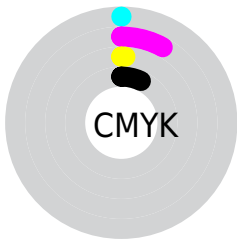
Blue (92%)



Red (93%)

Yellow (85%)

Blue (92%)

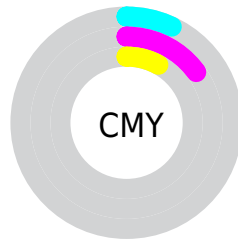


Cyan (0%)

Magenta (8%)

Yellow (1%)

Black (7%)



Cyan (7%)


Magenta (15%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5707, 0.3157, 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 73.5707, 0.3157, 0.3114 by changing the saturation by 10% instead.


 73.5707, 0.3157,
0.3114

 73.5707, 0.3157,
0.3114

472.9904, 0.3144,
0.3194

 54.4427, 0.3160,
0.3096


124.2871, 0.3153,
0.3142

 38.9557, 0.3163,
0.3074

156.6442, 0.3151,
0.3152

 26.7253, 0.3168,
0.3046


194.1800, 0.3149,
0.3162

 17.3670, 0.3173,
0.3010

237.2786, 0.3148,
0.3170

 10.4965, 0.3181,
0.2961

286.3246, 0.3147,
0.3177

 5.7294, 0.3191,
0.2892

341.7023, 0.3146,

 2.6812, 0.3205,

0.3183

0.2787

403.7961, 0.3145,
0.3189

■ 0.9677, 0.3227,
0.2607

■ 0.0000, 0.2934,
0.0000

■ 73.5707, 0.3157,
0.3114

■ 73.5707, 0.3157,
0.3114

■ 62.0173, 0.3197,
0.2899

■ 86.8890, 0.3122,
0.3322

■ 52.1448, 0.3242,
0.2681

■ 95.8826, 0.3095,
0.3428

■ 43.8766, 0.3293,
0.2468

■ 96.0981, 0.3075,
0.3392

■ 37.1265, 0.3347,
0.2268

■ 96.3179, 0.3055,
0.3356

■ 31.8002, 0.3404,
0.2092

■ 96.5419, 0.3035,
0.3321

■ 27.7928, 0.3463,
0.1949

■ 96.7441, 0.3017,
0.3290

■ 24.9849, 0.3521,
0.1847

■ 23.2356, 0.3577,
0.1791

■ 22.3424, 0.3630,
0.1778

Harmonies

Analogous

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



73.5707, 0.3021, 0.3063



73.5707, 0.3157, 0.3114



73.5707, 0.3288, 0.3210

Triad

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



73.5707, 0.3157, 0.3114



73.5707, 0.3342, 0.3513



73.5707, 0.2884, 0.3245

Complementary

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



73.5707, 0.3157, 0.3114



80.4884, 0.3099, 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.



73.5707, 0.2967, 0.3371



73.5707, 0.3157, 0.3114



73.5707, 0.3230, 0.3528

Square

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



73.5707, 0.3157, 0.3114



73.5707, 0.3396, 0.3438



73.5707, 0.3093, 0.3476



73.5707, 0.2865, 0.3134

Rectangle

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



73.5707, 0.3157, 0.3114



73.5707, 0.3353, 0.3287



73.5707, 0.3093, 0.3476



73.5707, 0.2906, 0.3287

Sweetspot

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



73.5739, 0.3157, 0.3114



95.1418, 0.3137, 0.3228



70.9609, 0.3017, 0.3076



20.0933, 0.3140, 0.3211



0.0000, 0.0000, 0.0000



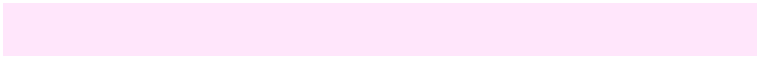
21.4041, 0.3127, 0.3290

Same Dimension

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



73.5739, 0.3157, 0.3114



84.5508, 0.3163, 0.3080



73.0162, 0.3225, 0.3217



15.2725, 0.3161, 0.3092



12.1556, 0.3630, 0.1773



0.9651, 0.3562, 0.1736

Inverse Universe

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



73.5739, 0.3157, 0.3114



84.5508, 0.3163, 0.3080



81.0333, 0.3038, 0.3364



15.2725, 0.3161, 0.3092



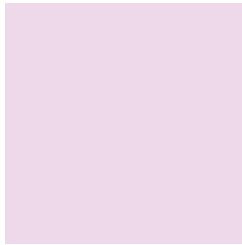
12.1556, 0.3630, 0.1773



0.9651, 0.3562, 0.1736

Previews

White Background



This preview shows how the Yxy color 73.5707, 0.3157, 0.3114 looks on a white background.

Color Contrast Check

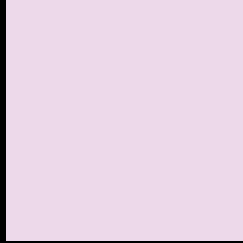
Large Text (above 18pt) WCAG AA × Fail

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 73.5707, 0.3157, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

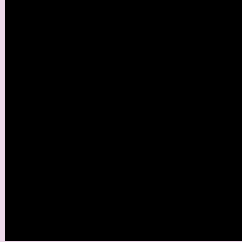
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

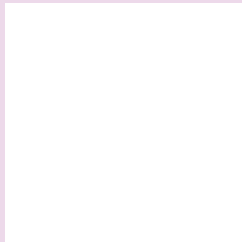
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5707, 0.3157, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 73.5707, 0.3157, 0.3114.

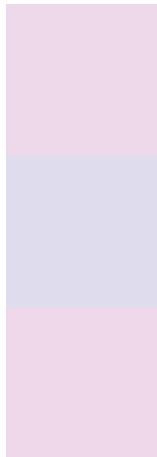


This preview shows how white text looks on a background with the Yxy color 73.5707, 0.3157, 0.3114.

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

73.5707, 0.3157, 0.3114

Protanopia

73.5153, 0.3038, 0.3120

Deuteranopia

73.4030, 0.3172, 0.3104



Tritanopia

73.5707, 0.3157, 0.3114

Trichromacy



Original Color

73.5707, 0.3157, 0.3114

Protanomaly

73.7365, 0.3079, 0.3122

Deuteranomaly

73.2294, 0.3165, 0.3104

Tritanomaly

73.5707, 0.3157, 0.3114

Monochromacy



Original Color

73.5707, 0.3157, 0.3114

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.5020, 0.3137, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5707, 0.3157, 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(237, 217, 234)` looks like.

```
.text, #text, p{  
    color:rgb(237, 217, 234)  
}
```

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, 217, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 217, 234) }
```

Border

The CSS property to change the border of an element to Yxy 73.5707, 0.3157, 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(237, 217, 234) }
```

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

```
.border{ border-color:rgb(237, 217, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 217, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 217, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 217, 234);  
box-shadow:4px 4px 4px 4px rgb(237, 217,  
234) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.5707, 0.3157, 0.3114$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 217, 234) }
```

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

```
.background{ background-color: rgb(237,  
217, 234) }
```

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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