

Converting Colors

$Yxy(73.4345, 0.3014, 0.3191)$

Have a look what the booklet for
Yxy(73.4345, 0.3014, 0.3191)
contains.

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Color

Yxy(73.7934, 0.3015, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	D8E0E9
RGB	216, 224, 233
RGB Percent	85%, 88%, 91%
CMY	0.1529, 0.1215, 0.0864
CMYK	0.07, 0.04, 0.00, 0.09
HSL	212°, 28%, 88%
HSV	212°, 7%, 91%
XYZ	69.6796, 73.7934, 87.6369
YIQ	222.6340, -7.6570, 1.1030

Conversions

Conversions Part 2

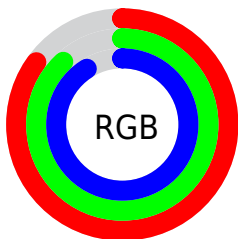
Format	Color
R _Y B	216, 221, 233
Decimal	14213353
CIE Lab	88.82, -0.99, -5.31
CIE LCh	89, 5.398, 259.462
Yxy	73.7934, 0.3015, 0.3193
Android (android.graphics.Color)	4292403433 (0xFFD8E0E9)
YUV	222.6340, 5.1104, -5.8180
Hunter-Lab	85.9031, -5.5415, -0.3545

Details

The Yxy color **73.7934, 0.3015, 0.3193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.1090, 0.3243, 0.3385**, and the grayscale version is **73.4871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1273, 0.2990, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **64.1178, 0.2855, 0.3046**, and if you desaturate by 10%, it is **84.4572, 0.3168, 0.3324**.

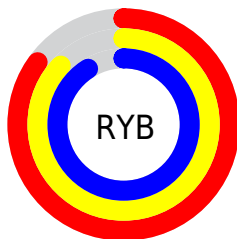
Distribution



Red (85%)

Green (88%)

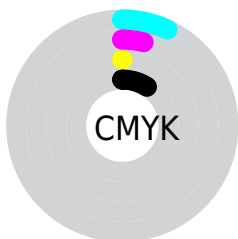
Blue (91%)



Red (85%)

Yellow (87%)

Blue (91%)

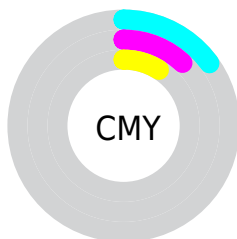


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (9%)



Cyan (15%)

Magenta (12%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7934, 0.3015, 0.3193 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 73.7934, 0.3015, 0.3193 by changing the saturation by 10% instead.

■ 73.7934, 0.3015,
0.3193

■ 73.7934, 0.3015,
0.3193

473.7600, 0.3067,
0.3238

■ 54.6250, 0.3003,
0.3183

124.6029, 0.3033,
0.3209

■ 39.1015, 0.2989,
0.3170

157.0127, 0.3040,
0.3215

■ 26.8387, 0.2970,
0.3154

194.6052, 0.3046,
0.3220

■ 17.4521, 0.2946,
0.3133

237.7646, 0.3051,
0.3224

■ 10.5574, 0.2914,
0.3104

286.8754, 0.3056,
0.3228

■ 5.7701, 0.2867,
0.3063

342.3220, 0.3060,

■ 2.7058, 0.2794,

0.3232

0.2998

404.4887, 0.3063,
0.3235

0.9801, 0.2664,
0.2881

0.0000, 0.0000,
0.0000

73.7934, 0.3015,
0.3193

73.7934, 0.3015,
0.3193

64.1178, 0.2855,
0.3046

84.4572, 0.3168,
0.3324

55.3899, 0.2690,
0.2883

94.6593, 0.3262,
0.3443

47.5799, 0.2523,
0.2706

98.6614, 0.3256,
0.3503

40.6526, 0.2358,
0.2514

■ 34.5704, 0.2202,
0.2313

■ 29.2920, 0.2058,
0.2105

■ 24.7720, 0.1933,
0.1898

■ 20.9585, 0.1832,
0.1697

■ 17.7865, 0.1757,
0.1508

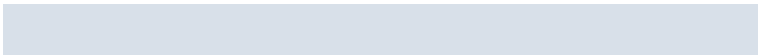
Harmonies

Analogous

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



73.7934, 0.3002, 0.3233



73.7934, 0.3015, 0.3193



73.7934, 0.3058, 0.3179

Triad

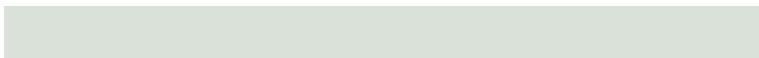
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7934, 0.3015, 0.3193



73.7934, 0.3234, 0.3290



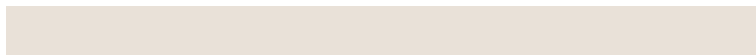
73.7934, 0.3133, 0.3388

Complementary

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



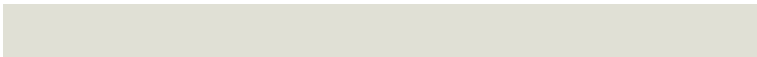
73.7934, 0.3015, 0.3193



76.1090, 0.3243, 0.3385

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.



73.7934, 0.3196, 0.3403



73.7934, 0.3015, 0.3193



73.7934, 0.3254, 0.3345

Square

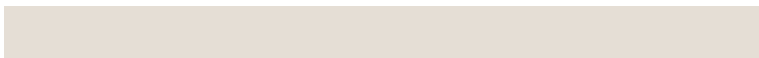
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7934, 0.3015, 0.3193



73.7934, 0.3184, 0.3235



73.7934, 0.3240, 0.3387



73.7934, 0.3070, 0.3346

Rectangle

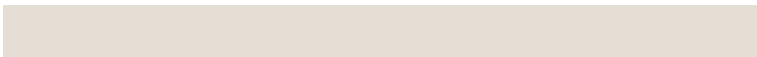
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7934, 0.3015, 0.3193



73.7934, 0.3098, 0.3187



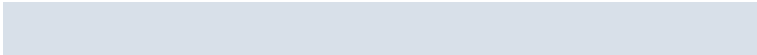
73.7934, 0.3240, 0.3387



73.7934, 0.3155, 0.3396

Sweetspot

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



73.7965, 0.3015, 0.3193



97.3385, 0.3097, 0.3264



78.2834, 0.3064, 0.3378



20.8624, 0.3098, 0.3265



0.0000, 0.0000, 0.0000



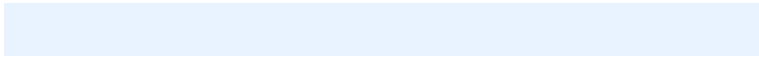
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7965, 0.3015, 0.3193



88.4111, 0.2987, 0.3168



69.6392, 0.3017, 0.3105



15.7207, 0.2981, 0.3162



9.8991, 0.1747, 0.1487



0.9686, 0.1819, 0.1747

Inverse Universe

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



71.8154, 0.3196, 0.3206



85.4649, 0.3214, 0.3184



80.4888, 0.3233, 0.3468



15.1724, 0.3219, 0.3179



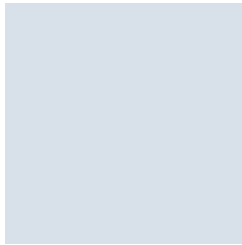
10.4921, 0.5076, 0.2570



0.8432, 0.4750, 0.2390

Previews

White Background



This preview shows how the Yxy color 73.7934, 0.3015, 0.3193 looks on a white background.

Color Contrast Check

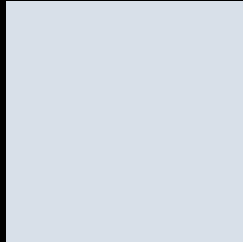
Large Text (above 18pt) WCAG AA × Fail

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 73.7934, 0.3015, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

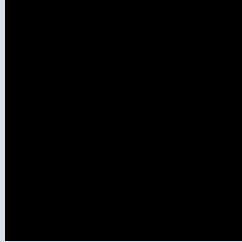
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

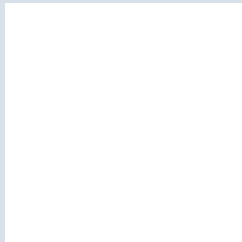
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7934, 0.3015, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 73.7934, 0.3015, 0.3193.

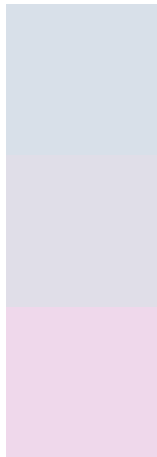


This preview shows how white text looks on a background with the Yxy color 73.7934, 0.3015, 0.3193.

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

73.7934, 0.3015, 0.3193

Protanopia

73.9160, 0.3076, 0.3183

Deuteranopia

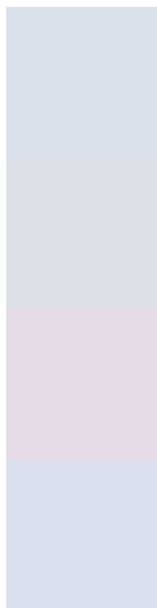
73.4606, 0.3165, 0.3094



Tritanopia

73.8183, 0.2978, 0.3108

Trichromacy



Original Color

73.7934, 0.3015, 0.3193

Protanomaly

73.9737, 0.3055, 0.3194

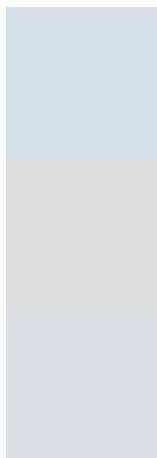
Deuteranomaly

73.5925, 0.3113, 0.3133

Tritanomaly

73.6415, 0.2997, 0.3140

Monochromacy



Original Color

73.7934, 0.3015, 0.3193

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.5370, 0.3080, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7934, 0.3015, 0.3193 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(216, 224, 233) looks like.

```
.text, #text, p{  
    color:rgb(216, 224, 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(216, 224, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 224, 233) }
```

Border

The CSS property to change the border of an element to Yxy 73.7934, 0.3015, 0.3193 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(216, 224, 233) }
```

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

```
.border{ border-color:rgb(216, 224, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 224, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 224, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 224, 233);  
box-shadow:4px 4px 4px 4px rgb(216, 224,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7934, 0.3015, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 224, 233) }
```

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

```
.background{ background-color: rgb(216,  
224, 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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