

Converting Colors

$Y_{xy}(73.8097, 0.2993, 0.3103)$

Have a look what the booklet for
Yxy(73.8097, 0.2993, 0.3103)
contains.

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Color

Yxy(73.5939, 0.2991, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	DBDEF0
RGB	219, 222, 240
RGB Percent	86%, 87%, 94%
CMY	0.1414, 0.1293, 0.0588
CMYK	0.09, 0.07, 0.00, 0.06
HSL	231°, 41%, 90%
HSV	231°, 9%, 94%
XYZ	71.0521, 73.5939, 92.9070
YIQ	223.1550, -7.5660, 4.9620

Conversions

Conversions Part 2

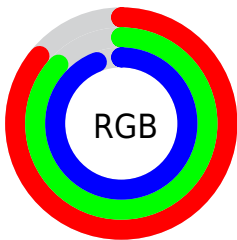
Format	Color
R _Y B	219, 222, 240
Decimal	14409456
CIE Lab	88.73, 2.36, -9.13
CIE LCh	89, 9.428, 284.503
Yxy	73.5939, 0.2991, 0.3098
Android (android.graphics.Color)	4292599536 (0xFFDBDEF0)
YUV	223.1550, 8.3046, -3.6439
Hunter-Lab	85.7869, -2.2863, -4.1601

Details

The Yxy color **73.5939, 0.2991, 0.3098** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.1732, 0.3261, 0.3475**, and the grayscale version is **73.8488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9906, 0.2960, 0.3054** is the 20% darker color. If you saturate the color by 10%, you get **59.9025, 0.2820, 0.2852**, and if you desaturate by 10%, it is **89.1523, 0.3145, 0.3315**.

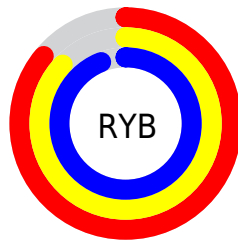
Distribution



Red (86%)

Green (87%)

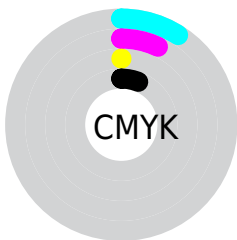
Blue (94%)



Red (86%)

Yellow (87%)

Blue (94%)

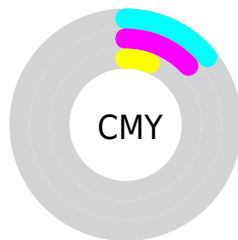


Cyan (9%)

Magenta (7%)

Yellow (0%)

Black (6%)



Cyan (14%)

Magenta (13%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5939, 0.2991, 0.3098 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 73.5939, 0.2991, 0.3098 by changing the saturation by 10% instead.

■ 73.5939, 0.2991,
0.3098

■ 73.5939, 0.2991,
0.3098

473.0706, 0.3054,
0.3186

■ 54.4617, 0.2977,
0.3078

124.3200, 0.3013,
0.3128

■ 38.9709, 0.2959,
0.3053

156.6826, 0.3021,
0.3140

■ 26.7371, 0.2936,
0.3022

194.2243, 0.3029,
0.3151

■ 17.3759, 0.2907,
0.2982

237.3293, 0.3035,
0.3160

■ 10.5028, 0.2867,
0.2928

286.3820, 0.3041,
0.3167

■ 5.7336, 0.2810,
0.2850

341.7669, 0.3046,

■ 2.6838, 0.2720,

0.3174

0.2730

403.8683, 0.3050,
0.3181

0.9690, 0.2561,
0.2523

0.0000, 0.0000,
0.0000

73.5939, 0.2991,
0.3098

73.5939, 0.2991,
0.3098

59.9025, 0.2820,
0.2852

89.1523, 0.3145,
0.3315

47.9987, 0.2634,
0.2578

99.0720, 0.3214,
0.3434

37.8110, 0.2437,
0.2280

29.2595, 0.2235,
0.1965

■ 22.2578, 0.2038,
0.1648

■ 16.7117, 0.1858,
0.1345

■ 12.5161, 0.1709,
0.1077

■ 9.5514, 0.1600,
0.0864

■ 7.6661, 0.1534,
0.0715

Harmonies

Analogous

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



73.5939, 0.2924, 0.3129



73.5939, 0.2991, 0.3098



73.5939, 0.3095, 0.3117

Triad

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



73.5939, 0.2991, 0.3098



73.5939, 0.3349, 0.3370



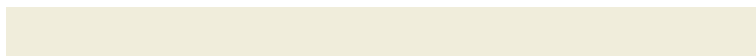
73.5939, 0.3044, 0.3404

Complementary

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



73.5939, 0.2991, 0.3098



84.1732, 0.3261, 0.3475

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.



73.5939, 0.3156, 0.3471



73.5939, 0.2991, 0.3098



73.5939, 0.3334, 0.3449

Square

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



73.5939, 0.2991, 0.3098



73.5939, 0.3303, 0.3272



73.5939, 0.3263, 0.3487



73.5939, 0.2954, 0.3305

Rectangle

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



73.5939, 0.2991, 0.3098



73.5939, 0.3172, 0.3155



73.5939, 0.3263, 0.3487



73.5939, 0.3080, 0.3431

Sweetspot

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



73.5970, 0.2991, 0.3098



94.4793, 0.3082, 0.3227



83.4854, 0.3010, 0.3323



19.9138, 0.3070, 0.3209



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.



73.5970, 0.2991, 0.3098



80.7174, 0.2954, 0.3045



73.1484, 0.3042, 0.3068



15.6006, 0.2980, 0.3082



4.2175, 0.1533, 0.0719



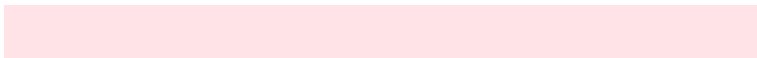
0.4641, 0.1588, 0.0915

Inverse Universe

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



74.4382, 0.3259, 0.3258



81.9426, 0.3297, 0.3250



84.7024, 0.3208, 0.3509



15.7964, 0.3270, 0.3256



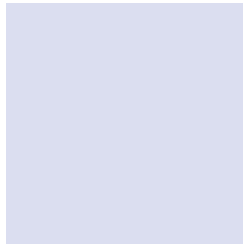
10.2191, 0.6202, 0.3190



0.8616, 0.5888, 0.3017

Previews

White Background



This preview shows how the Yxy color 73.5939, 0.2991, 0.3098 looks on a white background.

Color Contrast Check

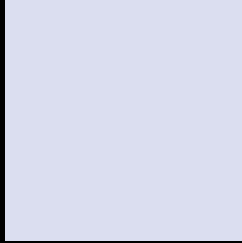
Large Text (above 18pt) WCAG AA × Fail

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 73.5939, 0.2991, 0.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

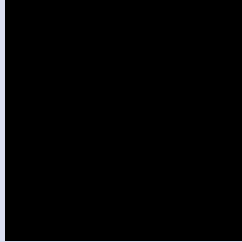
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

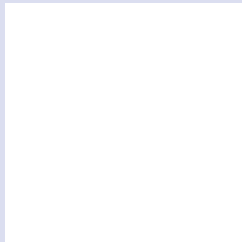
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5939, 0.2991, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 73.5939, 0.2991, 0.3098.

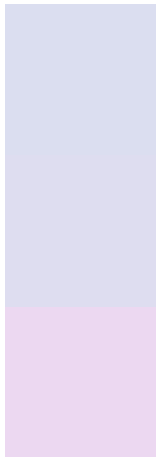


This preview shows how white text looks on a background with the Yxy color 73.5939, 0.2991, 0.3098.

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

73.5939, 0.2991, 0.3098

Protanopia

73.5338, 0.3012, 0.3088

Deuteranopia

73.2955, 0.3104, 0.3032



Tritanopia

73.5939, 0.2991, 0.3098

Trichromacy



Original Color

73.5939, 0.2991, 0.3098

Protanomaly

73.3763, 0.3005, 0.3088

Deuteranomaly

73.3167, 0.3061, 0.3050

Tritanomaly

73.5939, 0.2991, 0.3098

Monochromacy



Original Color

73.5939, 0.2991, 0.3098

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.9621, 0.3081, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5939, 0.2991, 0.3098 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(219, 222, 240)` looks like.

```
.text, #text, p{  
    color:rgb(219, 222, 240)  
}
```

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(219, 222, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 222, 240) }
```

Border

The CSS property to change the border of an element to Yxy 73.5939, 0.2991, 0.3098 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(219, 222, 240) }
```

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

```
.border{ border-color:rgb(219, 222, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 222, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 222, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 222, 240); box-shadow:4px 4px 4px 4px rgb(219, 222, 240) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5939, 0.2991, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 222, 240) }
```

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

```
.background{ background-color: rgb(219,  
222, 240) }
```

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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