

Converting Colors

$Yxy(73.5209, 0.2960, 0.3133)$

Have a look what the booklet for
Yxy(73.5209, 0.2960, 0.3133)
contains.

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Color

Yxy(73.6305, 0.2964, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	D5E0EE
RGB	213, 224, 238
RGB Percent	84%, 88%, 93%
CMY	0.1647, 0.1215, 0.0668
CMYK	0.10, 0.06, 0.00, 0.07
HSL	214°, 42%, 88%
HSV	214°, 10%, 93%
XYZ	69.5256, 73.6305, 91.4107
YIQ	222.3070, -11.0500, 2.0220

Conversions

Conversions Part 2

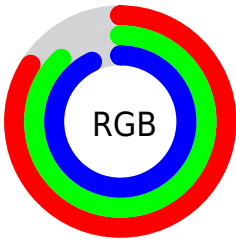
Format	Color
R _Y B	213, 221, 238
Decimal	14016750
CIE Lab	88.75, -0.99, -8.07
CIE LCh	89, 8.134, 263.029
Yxy	73.6305, 0.2964, 0.3139
Android (android.graphics.Color)	4292206830 (0xFFD5E0EE)
YUV	222.3070, 7.7366, -8.1622
Hunter-Lab	85.8082, -5.5358, -3.0953

Details

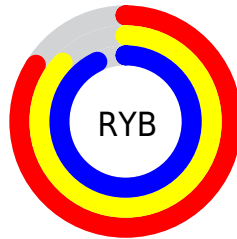
The Yxy color **73.6305, 0.2964, 0.3139** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.8951, 0.3296, 0.3437**, and the grayscale version is **73.2264, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0224, 0.2924, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **63.4561, 0.2801, 0.2978**, and if you desaturate by 10%, it is **84.8931, 0.3120, 0.3283**.

Distribution



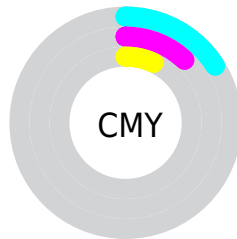
- Red (84%)
- Green (88%)
- Blue (93%)



- Red (84%)
- Yellow (87%)
- Blue (93%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (16%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6305, 0.2964, 0.3139 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 73.6305, 0.2964, 0.3139 by changing the saturation by 10% instead.

■ 73.6305, 0.2964,
0.3139

■ 73.6305, 0.2964,
0.3139

473.1971, 0.3039,
0.3209

■ 54.4917, 0.2947,
0.3123

124.3719, 0.2990,
0.3163

■ 38.9949, 0.2926,
0.3103

156.7432, 0.3000,
0.3173

■ 26.7557, 0.2899,
0.3079

194.2942, 0.3009,
0.3181

■ 17.3899, 0.2865,
0.3046

237.4091, 0.3016,
0.3188

■ 10.5128, 0.2817,
0.3002

286.4725, 0.3023,
0.3194

■ 5.7403, 0.2750,
0.2938

341.8687, 0.3029,

■ 2.6878, 0.2645,

0.3200

0.2839

403.9821, 0.3034,
0.3204

0.9710, 0.2461,
0.2663

0.0000, 0.0000,
0.0000

73.6305, 0.2964,
0.3139

73.6305, 0.2964,
0.3139

63.4561, 0.2801,
0.2978

84.8931, 0.3120,
0.3283

54.3254, 0.2632,
0.2799

96.1908, 0.3230,
0.3413

46.2037, 0.2463,
0.2605

98.9512, 0.3226,
0.3454

39.0511, 0.2296,
0.2398

■ 32.8245, 0.2138,
0.2181

■ 27.4765, 0.1996,
0.1961

■ 22.9547, 0.1874,
0.1744

■ 19.1986, 0.1779,
0.1538

■ 16.2514, 0.1711,
0.1358

Harmonies

Analogous

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



73.6305, 0.2938, 0.3194



73.6305, 0.2964, 0.3139



73.6305, 0.3033, 0.3124

Triad

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



73.6305, 0.2964, 0.3139



73.6305, 0.3295, 0.3299



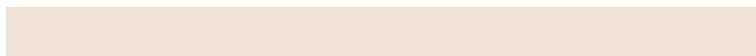
73.6305, 0.3124, 0.3433

Complementary

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



73.6305, 0.2964, 0.3139



77.8951, 0.3296, 0.3437

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.



73.6305, 0.3220, 0.3461



73.6305, 0.2964, 0.3139



73.6305, 0.3320, 0.3382

Square

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



73.6305, 0.2964, 0.3139



73.6305, 0.3224, 0.3216



73.6305, 0.3292, 0.3441



73.6305, 0.3030, 0.3365

Rectangle

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



73.6305, 0.2964, 0.3139



73.6305, 0.3095, 0.3139



73.6305, 0.3292, 0.3441



73.6305, 0.3157, 0.3448

Sweetspot

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



73.6336, 0.2964, 0.3139



95.8785, 0.3081, 0.3249



80.8086, 0.3032, 0.3411



20.2904, 0.3069, 0.3237



0.0000, 0.0000, 0.0000



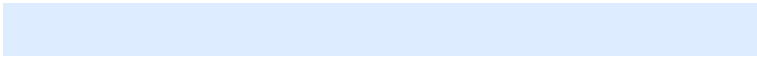
21.4041, 0.3127, 0.3290

Same Dimension

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



73.6336, 0.2964, 0.3139



82.9828, 0.2923, 0.3099



68.0966, 0.2971, 0.3018



16.3753, 0.2980, 0.3154



9.3175, 0.1719, 0.1387



0.9701, 0.1789, 0.1640

Inverse Universe

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



71.1450, 0.3235, 0.3175



79.5059, 0.3265, 0.3146



83.8910, 0.3275, 0.3549



15.8746, 0.3224, 0.3186



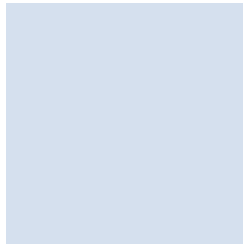
10.7340, 0.5208, 0.2643



0.9127, 0.4880, 0.2462

Previews

White Background



This preview shows how the Yxy color 73.6305, 0.2964, 0.3139 looks on a white background.

Color Contrast Check

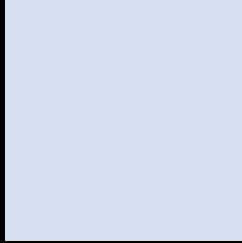
Large Text (above 18pt) WCAG AA × Fail

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 73.6305, 0.2964, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

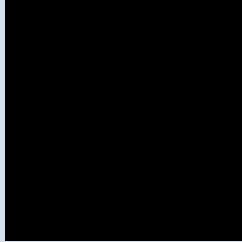
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

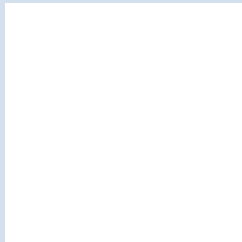
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6305, 0.2964, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 73.6305, 0.2964, 0.3139.

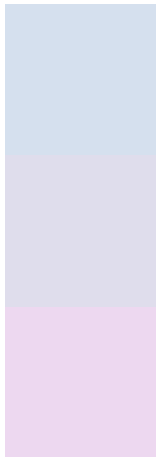


This preview shows how white text looks on a background with the Yxy color 73.6305, 0.2964, 0.3139.

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

73.6305, 0.2964, 0.3139

Protanopia

73.4570, 0.3044, 0.3130

Deuteranopia

73.4075, 0.3117, 0.3043



Tritanopia

73.4224, 0.2952, 0.3096

Trichromacy



Original Color

73.6305, 0.2964, 0.3139

Protanomaly

73.4170, 0.3010, 0.3129

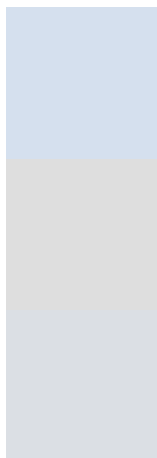
Deuteranomaly

73.3890, 0.3060, 0.3080

Tritanomaly

73.3628, 0.2958, 0.3107

Monochromacy



Original Color

73.6305, 0.2964, 0.3139

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.4369, 0.3067, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6305, 0.2964, 0.3139 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(213, 224, 238)` looks like.

```
.text, #text, p{  
    color:rgb(213, 224, 238)  
}
```

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(213, 224, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 224, 238) }
```

Border

The CSS property to change the border of an element to Yxy 73.6305, 0.2964, 0.3139 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(213, 224, 238) }
```

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

```
.border{ border-color:rgb(213, 224, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 224, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 224, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 224, 238);  
box-shadow:4px 4px 4px 4px rgb(213, 224,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6305, 0.2964, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 224, 238) }
```

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

```
.background{ background-color: rgb(213,  
224, 238) }
```

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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