

Converting Colors

$Yxy(72.8969, 0.2986, 0.3113)$

Have a look what the booklet for
Yxy(72.8969, 0.2986, 0.3113)
contains.

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Color

Yxy(73.0145, 0.2984, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	D8DEEE
RGB	216, 222, 238
RGB Percent	85%, 87%, 93%
CMY	0.1528, 0.1294, 0.0668
CMYK	0.09, 0.07, 0.00, 0.07
HSL	224°, 39%, 89%
HSV	224°, 9%, 93%
XYZ	69.8766, 73.0145, 91.2798
YIQ	222.0300, -8.7120, 3.7040

Conversions

Conversions Part 2

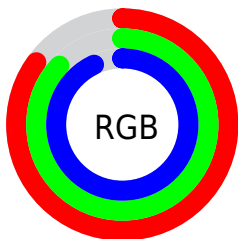
Format	Color
R _Y B	216, 221, 238
Decimal	14212846
CIE Lab	88.45, 1.03, -8.49
CIE LCh	88, 8.551, 276.935
Yxy	73.0145, 0.2984, 0.3118
Android (android.graphics.Color)	4292402926 (0xFFD8DEEE)
YUV	222.0300, 7.8732, -5.2883
Hunter-Lab	85.4485, -3.5643, -3.5222

Details

The Yxy color **73.0145, 0.2984, 0.3118** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.8516, 0.3271, 0.3456**, and the grayscale version is **73.0213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5919, 0.2950, 0.3080** is the 20% darker color. If you saturate the color by 10%, you get **60.9145, 0.2816, 0.2909**, and if you desaturate by 10%, it is **86.5916, 0.3139, 0.3304**.

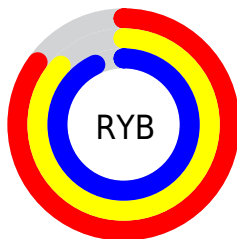
Distribution



Red (85%)

Green (87%)

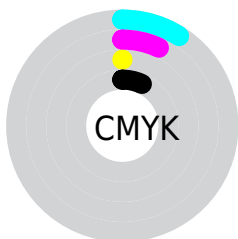
Blue (93%)



Red (85%)

Yellow (87%)

Blue (93%)

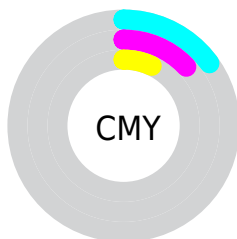


Cyan (9%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (15%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0145, 0.2984, 0.3118 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 73.0145, 0.2984, 0.3118 by changing the saturation by 10% instead.

■ 73.0145, 0.2984,
0.3118

■ 73.0145, 0.2984,
0.3118

471.0651, 0.3050,
0.3197

■ 53.9878, 0.2969,
0.3100

123.4978, 0.3007,
0.3145

■ 38.5919, 0.2950,
0.3078

155.7232, 0.3016,
0.3156

■ 26.4424, 0.2927,
0.3050

193.1170, 0.3024,
0.3165

■ 17.1549, 0.2896,
0.3013

236.0635, 0.3030,
0.3173

■ 10.3450, 0.2854,
0.2963

284.9472, 0.3036,
0.3180

■ 5.6283, 0.2793,
0.2892

340.1524, 0.3041,

■ 2.6204, 0.2699,

0.3187

0.2781

402.0636, 0.3046,
0.3192

■ 0.9369, 0.2531,
0.2586

■ 0.0000, 0.0000,
0.0000

■ 73.0145, 0.2984,
0.3118

■ 73.0145, 0.2984,
0.3118

■ 60.9145, 0.2816,
0.2909

■ 86.5916, 0.3139,
0.3304

■ 50.2313, 0.2638,
0.2676

■ 98.9517, 0.3226,
0.3454

■ 40.9143, 0.2452,
0.2422

■ 32.9060, 0.2265,
0.2152

■ 26.1445, 0.2083,
0.1873

■ 20.5626, 0.1916,
0.1597

■ 16.0863, 0.1774,
0.1337

■ 12.6314, 0.1665,
0.1109

■ 10.0861, 0.1591,
0.0922

Harmonies

Analogous

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



73.0145, 0.2934, 0.3157



73.0145, 0.2984, 0.3118



73.0145, 0.3072, 0.3124

Triad

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



73.0145, 0.2984, 0.3118



73.0145, 0.3323, 0.3341



73.0145, 0.3076, 0.3412

Complementary

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



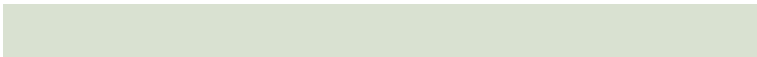
73.0145, 0.2984, 0.3118



80.8516, 0.3271, 0.3456

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.



73.0145, 0.3180, 0.3463



73.0145, 0.2984, 0.3118



73.0145, 0.3324, 0.3420

Square

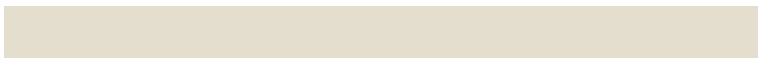
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0145, 0.2984, 0.3118



73.0145, 0.3269, 0.3252



73.0145, 0.3271, 0.3465



73.0145, 0.2987, 0.3327

Rectangle

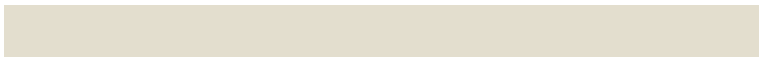
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



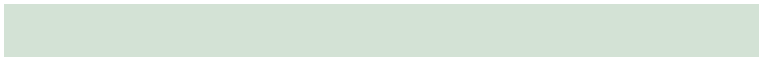
73.0145, 0.2984, 0.3118



73.0145, 0.3142, 0.3152



73.0145, 0.3271, 0.3465



73.0145, 0.3110, 0.3434

Sweetspot

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



73.0176, 0.2984, 0.3118



95.0753, 0.3082, 0.3236



81.5517, 0.3022, 0.3356



20.0741, 0.3069, 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.



73.0176, 0.2984, 0.3118



82.7171, 0.2954, 0.3082



70.6390, 0.3017, 0.3055



15.9280, 0.2980, 0.3113



5.7181, 0.1593, 0.0935



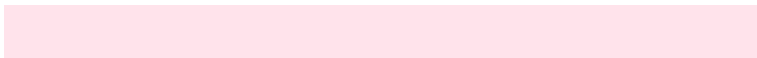
0.6353, 0.1663, 0.1186

Inverse Universe

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



72.5755, 0.3247, 0.3228



82.1445, 0.3273, 0.3215



83.4558, 0.3232, 0.3519



15.8294, 0.3250, 0.3226



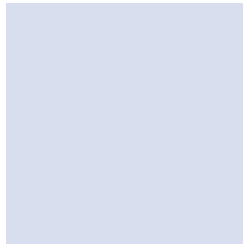
10.3706, 0.5858, 0.3001



0.8789, 0.5486, 0.2796

Previews

White Background



This preview shows how the Yxy color 73.0145, 0.2984, 0.3118 looks on a white background.

Color Contrast Check

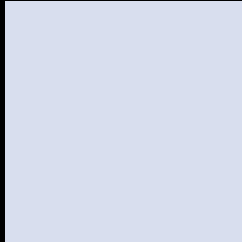
Large Text (above 18pt) WCAG AA × Fail

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 73.0145, 0.2984, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

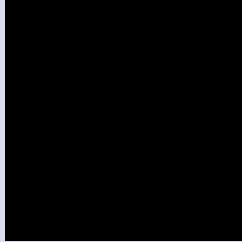
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

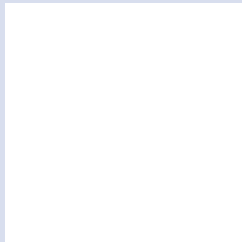
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0145, 0.2984, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 73.0145, 0.2984, 0.3118.

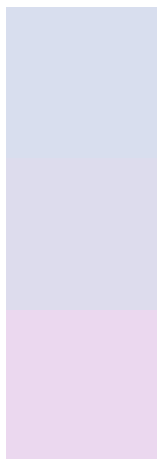


This preview shows how white text looks on a background with the Yxy color 73.0145, 0.2984, 0.3118.

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

73.0145, 0.2984, 0.3118

Protanopia

72.6730, 0.3024, 0.3108

Deuteranopia

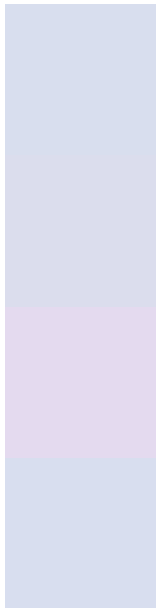
73.0059, 0.3110, 0.3052



Tritanopia

73.0735, 0.2977, 0.3107

Trichromacy



Original Color

73.0145, 0.2984, 0.3118

Protanomaly

72.8874, 0.3010, 0.3119

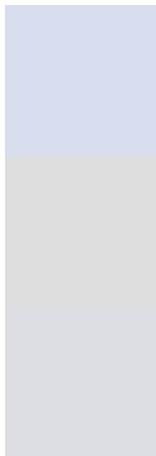
Deuteranomaly

72.8688, 0.3060, 0.3069

Tritanomaly

73.0735, 0.2977, 0.3107

Monochromacy



Original Color

73.0145, 0.2984, 0.3118

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.0596, 0.3074, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0145, 0.2984, 0.3118 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, 222, 238)` looks like.

```
.text, #text, p{  
    color:rgb(216, 222, 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(216, 222, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 222, 238) }
```

Border

The CSS property to change the border of an element to Yxy 73.0145, 0.2984, 0.3118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

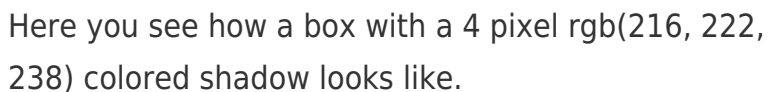
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 222, 238) }
```

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

```
.border{ border-color:rgb(216, 222, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 222, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 222, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 222, 238); box-shadow:4px 4px 4px 4px rgb(216, 222, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0145, 0.2984, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 222, 238) }
```

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

```
.background{ background-color: rgb(216,  
222, 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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