

Converting Colors

$Yxy(73.6130, 0.3039, 0.3252)$

Have a look what the booklet for
Yxy(73.6130, 0.3039, 0.3252)
contains.

Yxy(73.3598, 0.3039, 0.3246)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.3598, 0.3039, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	D7E0E4
RGB	215, 224, 228
RGB Percent	84%, 88%, 89%
CMY	0.1569, 0.1215, 0.1058
CMYK	0.06, 0.02, 0.00, 0.11
HSL	198°, 19%, 87%
HSV	198°, 6%, 89%
XYZ	68.6816, 73.3598, 83.9592
YIQ	221.7650, -6.6480, -0.6640

Conversions

Conversions Part 2

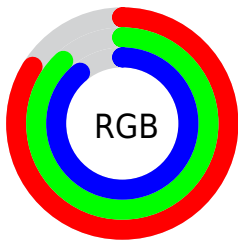
Format	Color
R _Y B	215, 220, 228
Decimal	14147812
CIE Lab	88.62, -2.26, -3.02
CIE LCh	89, 3.776, 233.170
Yxy	73.3598, 0.3039, 0.3246
Android (android.graphics.Color)	4292337892 (0xFFD7E0E4)
YUV	221.7650, 3.0739, -5.9329
Hunter-Lab	85.6503, -6.7519, 1.8359

Details

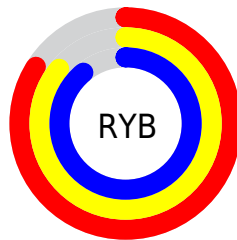
The Yxy color **73.3598, 0.3039, 0.3246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.0666, 0.3219, 0.3334**, and the grayscale version is **72.8545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8666, 0.3013, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **66.4497, 0.2884, 0.3163**, and if you desaturate by 10%, it is **80.9132, 0.3193, 0.3321**.

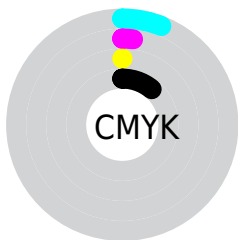
Distribution



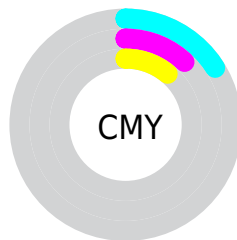
- Red (84%)
- Green (88%)
- Blue (89%)



- Red (84%)
- Yellow (86%)
- Blue (89%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3598, 0.3039, 0.3246 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 73.3598, 0.3039, 0.3246 by changing the saturation by 10% instead.

■ 73.3598, 0.3039,
0.3246

■ 73.3598, 0.3039,
0.3246

472.2609, 0.3080,
0.3267

■ 54.2702, 0.3030,
0.3241

123.9879, 0.3053,
0.3253

■ 38.8177, 0.3018,
0.3235

156.2951, 0.3059,
0.3256

■ 26.6180, 0.3004,
0.3228

193.7771, 0.3063,
0.3258

■ 17.2865, 0.2985,
0.3218

236.8181, 0.3067,
0.3260

■ 10.4390, 0.2959,
0.3205

285.8026, 0.3071,
0.3262

■ 5.6910, 0.2922,
0.3185

341.1150, 0.3074,

■ 2.6581, 0.2863,

0.3264

0.3154

403.1396, 0.3077,
0.3265

■ 0.9560, 0.2759,
0.3097

■ 0.0000, 0.0000,
0.0000

■ 73.3598, 0.3039,
0.3246

■ 73.3598, 0.3039,
0.3246

■ 66.4497, 0.2884,
0.3163

■ 80.9132, 0.3193,
0.3321

■ 60.1520, 0.2731,
0.3071

■ 88.0466, 0.3304,
0.3389

■ 54.4467, 0.2582,
0.2972

■ 92.2190, 0.3296,
0.3457

■ 49.3092, 0.2442,
0.2866

■ 96.5527, 0.3289,
0.3524

■ 44.7125, 0.2313,
0.2754

■ 98.3831, 0.3285,
0.3552

■ 40.6272, 0.2199,
0.2639

■ 37.0202, 0.2104,
0.2521

■ 33.8533, 0.2029,
0.2403

■ 31.0797, 0.1974,
0.2287

Harmonies

Analogous

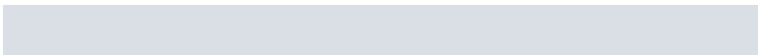
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.3598, 0.3050, 0.3284



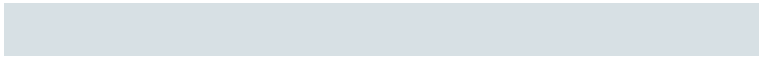
73.3598, 0.3039, 0.3246



73.3598, 0.3051, 0.3220

Triad

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



73.3598, 0.3039, 0.3246



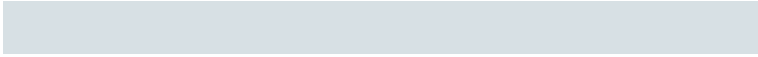
73.3598, 0.3172, 0.3256



73.3598, 0.3171, 0.3369

Complementary

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



73.3598, 0.3039, 0.3246



72.0666, 0.3219, 0.3334

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.



73.3598, 0.3204, 0.3361



73.3598, 0.3039, 0.3246



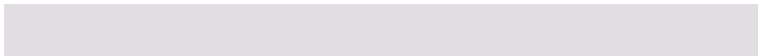
73.3598, 0.3205, 0.3295

Square

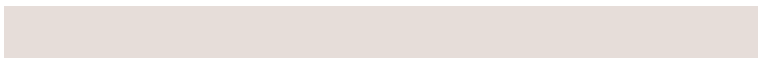
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3598, 0.3039, 0.3246



73.3598, 0.3128, 0.3226



73.3598, 0.3216, 0.3333



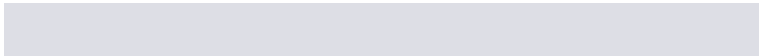
73.3598, 0.3126, 0.3356

Rectangle

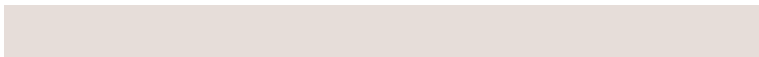
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3598, 0.3039, 0.3246



73.3598, 0.3071, 0.3213



73.3598, 0.3216, 0.3333



73.3598, 0.3183, 0.3369

Sweetspot

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



73.3629, 0.3039, 0.3246



98.0471, 0.3096, 0.3275



75.0558, 0.3096, 0.3390



21.0067, 0.3098, 0.3276



0.0000, 0.0000, 0.0000



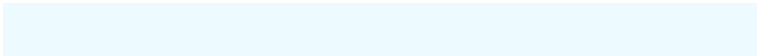
21.4041, 0.3127, 0.3290

Same Dimension

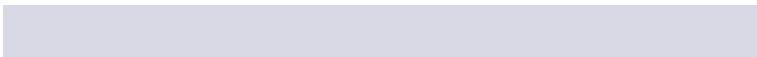
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3629, 0.3039, 0.3246



93.3117, 0.3019, 0.3236



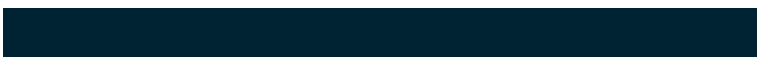
69.9766, 0.3040, 0.3176



15.8410, 0.3010, 0.3231



17.5266, 0.1960, 0.2255



1.4581, 0.2007, 0.2424

Inverse Universe

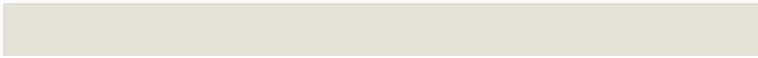
The Inverse Universe completely reimagines the original color for something new.



70.4710, 0.3161, 0.3193



88.7861, 0.3169, 0.3171



75.4815, 0.3214, 0.3402



15.0157, 0.3173, 0.3162



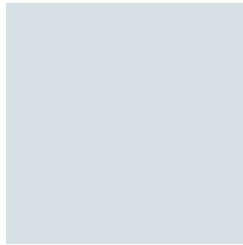
10.9670, 0.4174, 0.2073



0.8269, 0.3999, 0.1976

Previews

White Background



This preview shows how the Yxy color 73.3598, 0.3039, 0.3246 looks on a white background.

Color Contrast Check

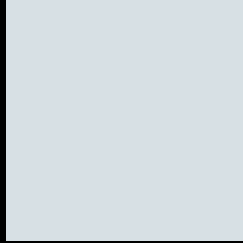
Large Text (above 18pt) WCAG AA × Fail

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 73.3598, 0.3039, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

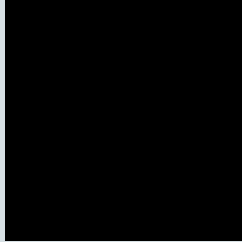
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

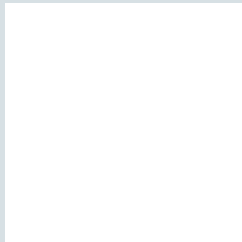
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3598, 0.3039, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 73.3598, 0.3039, 0.3246.

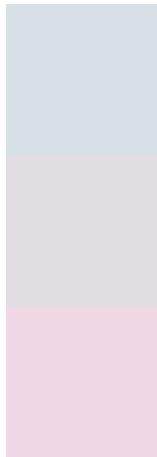


This preview shows how white text looks on a background with the Yxy color 73.3598, 0.3039, 0.3246.

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

73.3598, 0.3039, 0.3246

Protanopia

73.2114, 0.3123, 0.3236

Deuteranopia

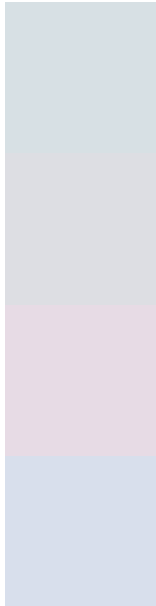
73.3502, 0.3206, 0.3145



Tritanopia

73.2855, 0.2978, 0.3097

Trichromacy



Original Color

73.3598, 0.3039, 0.3246

Protanomaly

73.1608, 0.3088, 0.3236

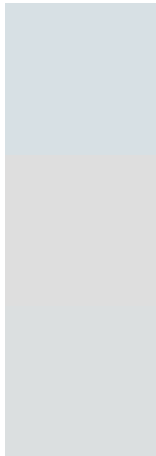
Deuteranomaly

73.3091, 0.3146, 0.3185

Tritanomaly

73.4304, 0.2996, 0.3150

Monochromacy



Original Color

73.3598, 0.3039, 0.3246

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.2172, 0.3093, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3598, 0.3039, 0.3246 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(215, 224, 228) looks like.

```
.text, #text, p{  
    color:rgb(215, 224, 228)  
}
```

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(215, 224, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 224, 228) }
```

Border

The CSS property to change the border of an element to Yxy 73.3598, 0.3039, 0.3246 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(215, 224, 228) }
```

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

```
.border{ border-color:rgb(215, 224, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 224, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 224, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 224, 228);  
box-shadow:4px 4px 4px 4px rgb(215, 224,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3598, 0.3039, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 224, 228) }
```

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

```
.background{ background-color: rgb(215,  
224, 228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor