

Converting Colors

$Yxy(73.3385, 0.3031, 0.3279)$

Have a look what the booklet for
Yxy(73.3385, 0.3031, 0.3279)
contains.

Yxy(73.3385, 0.3031, 0.3279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(73.3385, 0.3031, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D4E1E2
RGB	212, 225, 226
RGB Percent	83%, 88%, 89%
CMY	0.1688, 0.1176, 0.1137
CMYK	0.06, 0.00, 0.00, 0.11
HSL	184°, 19%, 86%
HSV	184°, 6%, 89%
XYZ	67.7917, 73.3385, 82.5310
YIQ	221.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

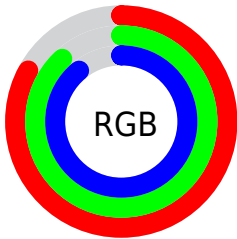
Format	Color
R _Y B	212, 219, 226
Decimal	13951458
CIE Lab	88.61, -4.17, -1.99
CIE LCh	89, 4.619, 205.577
Yxy	73.3385, 0.3031, 0.3279
Android (android.graphics.Color)	4292141538 (0xFFD4E1E2)
YUV	221.2270, 2.3531, -8.0921
Hunter-Lab	85.6379, -8.5642, 2.8076

Details

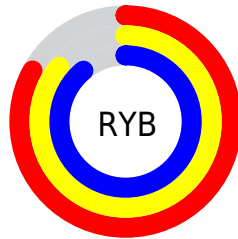
The Yxy color **73.3385, 0.3031, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4685, 0.3231, 0.3301**, and the grayscale version is **72.4576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8578, 0.3003, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **69.3706, 0.2881, 0.3260**, and if you desaturate by 10%, it is **77.7905, 0.3186, 0.3296**.

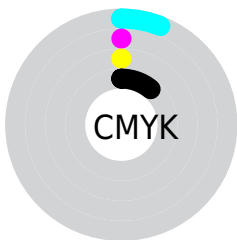
Distribution



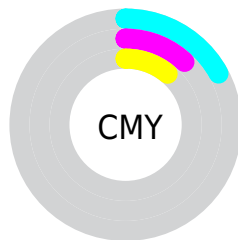
- Red (83%)
- Green (88%)
- Blue (89%)



- Red (83%)
- Yellow (86%)
- Blue (89%)



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



- Cyan (17%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3385, 0.3031, 0.3279 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 73.3385, 0.3031, 0.3279 by changing the saturation by 10% instead.

■ 73.3385, 0.3031,
0.3279

■ 73.3385, 0.3031,
0.3279

472.1872, 0.3075,
0.3284

■ 54.2528, 0.3021,
0.3278

123.9576, 0.3046,
0.3281

■ 38.8038, 0.3008,
0.3276

156.2599, 0.3052,
0.3282

■ 26.6071, 0.2993,
0.3274

193.7364, 0.3058,
0.3282

■ 17.2784, 0.2972,
0.3271

236.7716, 0.3062,
0.3283

■ 10.4332, 0.2944,
0.3268

285.7499, 0.3066,
0.3283

■ 5.6871, 0.2903,
0.3262

341.0556, 0.3069,

■ 2.6558, 0.2839,

0.3284

403.0733, 0.3073,
0.3284

0.3252

0.9548, 0.2724,
0.3234

0.0000, 0.0000,
0.0000

73.3385, 0.3031,
0.3279

73.3385, 0.3031,
0.3279

69.3706, 0.2881,
0.3260

77.7905, 0.3186,
0.3296

65.8580, 0.2740,
0.3240

82.3262, 0.3329,
0.3312

62.7831, 0.2610,
0.3218

83.1948, 0.3327,
0.3328

60.1233, 0.2495,
0.3195

84.0713, 0.3326,
0.3343

■ 57.8543, 0.2397,
0.3172

■ 84.9557, 0.3324,
0.3359

■ 55.9490, 0.2318,
0.3148

■ 85.8480, 0.3322,
0.3374

■ 54.3768, 0.2257,
0.3124

■ 86.7482, 0.3320,
0.3390

■ 53.1020, 0.2216,
0.3101

■ 87.6563, 0.3318,
0.3405

■ 52.0801, 0.2192,
0.3078

■ 88.5724, 0.3316,
0.3420

Harmonies

Analogous

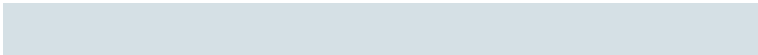
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.3385, 0.3068, 0.3329



73.3385, 0.3031, 0.3279



73.3385, 0.3020, 0.3233

Triad

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



73.3385, 0.3031, 0.3279



73.3385, 0.3133, 0.3214



73.3385, 0.3218, 0.3378

Complementary

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



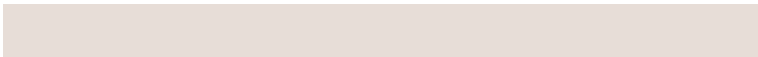
73.3385, 0.3031, 0.3279



68.4685, 0.3231, 0.3301

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.



73.3385, 0.3236, 0.3346



73.3385, 0.3031, 0.3279



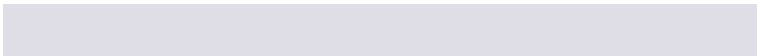
73.3385, 0.3186, 0.3252

Square

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



73.3385, 0.3031, 0.3279



73.3385, 0.3078, 0.3196



73.3385, 0.3224, 0.3300



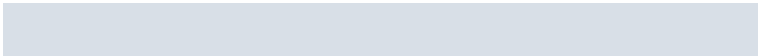
73.3385, 0.3176, 0.3386

Rectangle

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



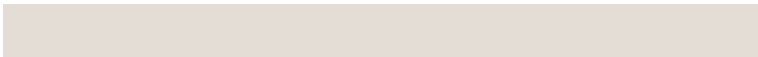
73.3385, 0.3031, 0.3279



73.3385, 0.3028, 0.3210



73.3385, 0.3224, 0.3300



73.3385, 0.3227, 0.3370

Sweetspot

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



73.3416, 0.3031, 0.3279



98.8197, 0.3096, 0.3287



73.1783, 0.3114, 0.3435



21.1639, 0.3097, 0.3287



0.0000, 0.0000, 0.0000



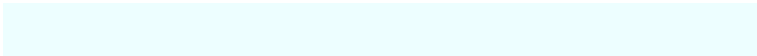
21.4041, 0.3127, 0.3290

Same Dimension

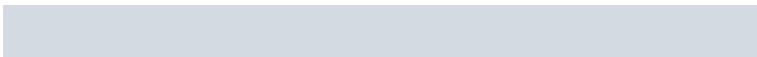
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3416, 0.3031, 0.3279



95.9817, 0.3018, 0.3278



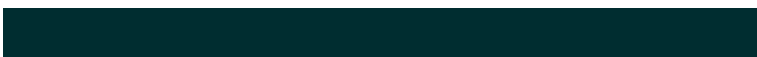
69.6408, 0.3032, 0.3202



15.5662, 0.3011, 0.3277



29.5857, 0.2187, 0.3072



2.1003, 0.2197, 0.3108

Inverse Universe

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



68.6657, 0.3141, 0.3149



89.0557, 0.3143, 0.3130



72.0573, 0.3224, 0.3377



14.3634, 0.3144, 0.3118



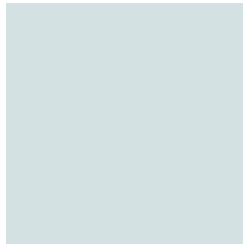
11.8947, 0.3391, 0.1642



0.8295, 0.3360, 0.1625

Previews

White Background



This preview shows how the Yxy color 73.3385, 0.3031, 0.3279 looks on a white background.

Color Contrast Check

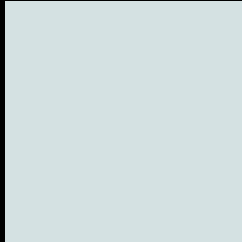
Large Text (above 18pt) WCAG AA × Fail

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 73.3385, 0.3031, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

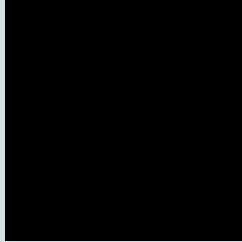
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

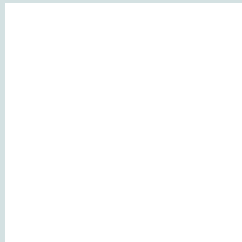
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3385, 0.3031, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 73.3385, 0.3031, 0.3279.

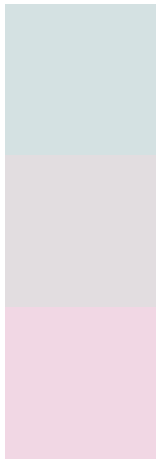


This preview shows how white text looks on a background with the Yxy color 73.3385, 0.3031, 0.3279.

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

73.3385, 0.3031, 0.3279

Protanopia

73.2635, 0.3143, 0.3258

Deuteranopia

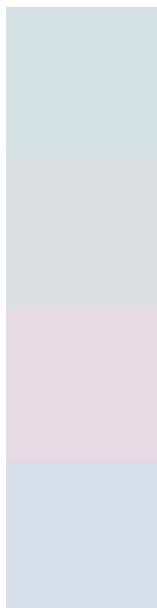
72.9031, 0.3228, 0.3156



Tritanopia

73.3628, 0.2958, 0.3107

Trichromacy



Original Color

73.3385, 0.3031, 0.3279

Protanomaly

73.0509, 0.3101, 0.3258

Deuteranomaly

73.0321, 0.3153, 0.3205

Tritanomaly

73.4556, 0.2982, 0.3171

Monochromacy



Original Color

73.3385, 0.3031, 0.3279

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.4757, 0.3093, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3385, 0.3031, 0.3279 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(212, 225, 226)` looks like.

```
.text, #text, p{  
    color:rgb(212, 225, 226)  
}
```

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(212, 225, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 225, 226) }
```

Border

The CSS property to change the border of an element to Yxy 73.3385, 0.3031, 0.3279 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(212, 225, 226) }
```

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

```
.border{ border-color:rgb(212, 225, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 225, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 225, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 225, 226);  
box-shadow:4px 4px 4px 4px rgb(212, 225,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3385, 0.3031, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 225, 226) }
```

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

```
.background{ background-color: rgb(212,  
225, 226) }
```

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