

Converting Colors

Yxy(73.7484, 0.3001, 0.3204)

Have a look what the booklet for
Yxy(73.7484, 0.3001, 0.3204)
contains.

Yxy(74.0298, 0.3001, 0.3203)	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(74.0298, 0.3001, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	D6E1E9
RGB	214, 225, 233
RGB Percent	84%, 88%, 91%
CMY	0.1609, 0.1176, 0.0862
CMYK	0.08, 0.03, 0.00, 0.09
HSL	205°, 30%, 88%
HSV	205°, 8%, 91%
XYZ	69.3610, 74.0298, 87.7356
YIQ	222.6230, -9.1240, 0.1560

Conversions

Conversions Part 2

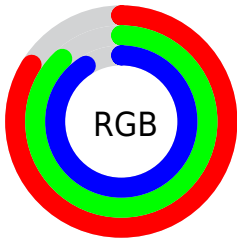
Format	Color
R _Y B	214, 221, 233
Decimal	14082537
CIE Lab	88.94, -2.16, -5.18
CIE LCh	89, 5.615, 247.406
Yxy	74.0298, 0.3001, 0.3203
Android (android.graphics.Color)	4292272617 (0xFFD6E1E9)
YUV	222.6230, 5.1159, -7.5624
Hunter-Lab	86.0406, -6.6744, -0.2296

Details

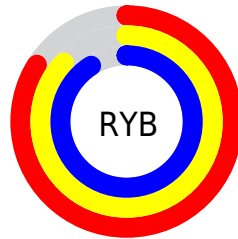
The Yxy color **74.0298, 0.3001, 0.3203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.4137, 0.3260, 0.3375**, and the grayscale version is **73.4784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2947, 0.2973, 0.3191** is the 20% darker color. If you saturate the color by 10%, you get **65.6276, 0.2843, 0.3086**, and if you desaturate by 10%, it is **83.2438, 0.3155, 0.3308**.

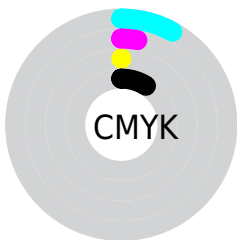
Distribution



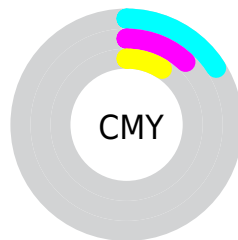
- Red (84%)
- Green (88%)
- Blue (91%)



- Red (84%)
- Yellow (87%)
- Blue (91%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0298, 0.3001, 0.3203 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 74.0298, 0.3001, 0.3203 by changing the saturation by 10% instead.

■ 74.0298, 0.3001,
0.3203

■ 74.0298, 0.3001,
0.3203

474.5762, 0.3059,
0.3243

■ 54.8184, 0.2988,
0.3194

124.9381, 0.3021,
0.3217

■ 39.2564, 0.2972,
0.3182

157.4037, 0.3029,
0.3222

■ 26.9592, 0.2951,
0.3168

195.0563, 0.3036,
0.3227

■ 17.5426, 0.2924,
0.3149

238.2801, 0.3042,
0.3231

■ 10.6221, 0.2888,
0.3123

287.4596, 0.3047,
0.3235

■ 5.8133, 0.2835,
0.3085

342.9792, 0.3051,

■ 2.7319, 0.2754,

0.3238

405.2233, 0.3055,
0.3241

0.3026

0.9934, 0.2610,
0.2918

0.0000, 0.0000,
0.0000

74.0298, 0.3001,
0.3203

74.0298, 0.3001,
0.3203

65.6276, 0.2843,
0.3086

83.2438, 0.3155,
0.3308

58.0015, 0.2684,
0.2957

92.2113, 0.3266,
0.3403

51.1268, 0.2527,
0.2816

98.2850, 0.3256,
0.3497

44.9737, 0.2376,
0.2665

98.6641, 0.3256,
0.3503

■ 39.5099, 0.2235,
0.2507

■ 34.6998, 0.2109,
0.2343

■ 30.5039, 0.2001,
0.2178

■ 26.8761, 0.1916,
0.2015

■ 23.7540, 0.1852,
0.1858

Harmonies

Analogous

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



74.0298, 0.3001, 0.3253



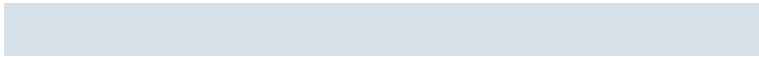
74.0298, 0.3001, 0.3203



74.0298, 0.3034, 0.3177

Triad

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



74.0298, 0.3001, 0.3203



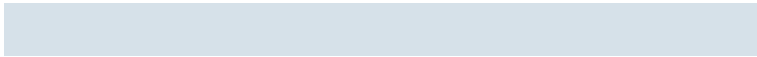
74.0298, 0.3220, 0.3266



74.0298, 0.3161, 0.3402

Complementary

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



74.0298, 0.3001, 0.3203



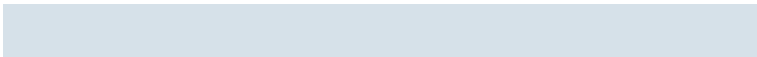
74.4137, 0.3260, 0.3375

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.



74.0298, 0.3220, 0.3405



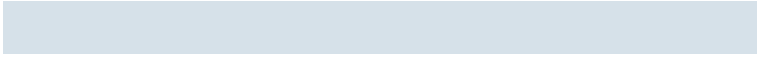
74.0298, 0.3001, 0.3203



74.0298, 0.3255, 0.3325

Square

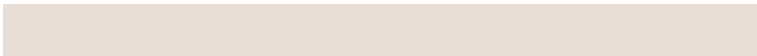
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0298, 0.3001, 0.3203



74.0298, 0.3161, 0.3214



74.0298, 0.3255, 0.3376



74.0298, 0.3093, 0.3369

Rectangle

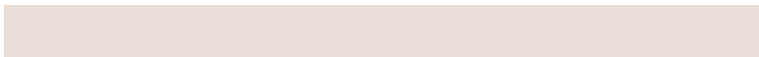
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0298, 0.3001, 0.3203



74.0298, 0.3071, 0.3176



74.0298, 0.3255, 0.3376



74.0298, 0.3183, 0.3407

Sweetspot

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



74.0329, 0.3001, 0.3203



97.6849, 0.3096, 0.3269



77.8490, 0.3068, 0.3410



20.9329, 0.3098, 0.3270



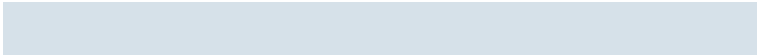
0.0000, 0.0000, 0.0000



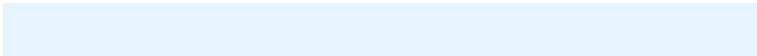
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0329, 0.3001, 0.3203



88.8289, 0.2972, 0.3182



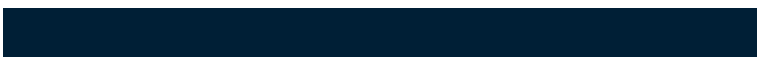
69.0651, 0.3001, 0.3099



15.9990, 0.2981, 0.3188



13.4252, 0.1848, 0.1853



1.2438, 0.1909, 0.2071

Inverse Universe

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



70.8446, 0.3191, 0.3173



84.1243, 0.3207, 0.3146



79.5731, 0.3250, 0.3474



15.2004, 0.3202, 0.3154



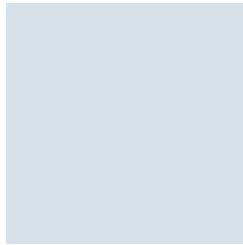
10.8481, 0.4622, 0.2320



0.8710, 0.4373, 0.2182

Previews

White Background



This preview shows how the Yxy color 74.0298, 0.3001, 0.3203 looks on a white background.

Color Contrast Check

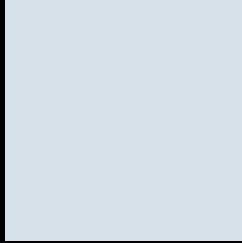
Large Text (above 18pt) WCAG AA × Fail

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 74.0298, 0.3001, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

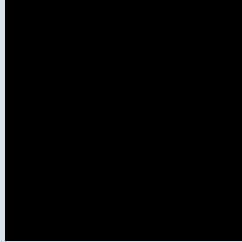
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

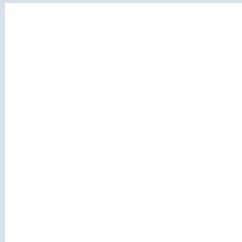
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0298, 0.3001, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 74.0298, 0.3001, 0.3203.

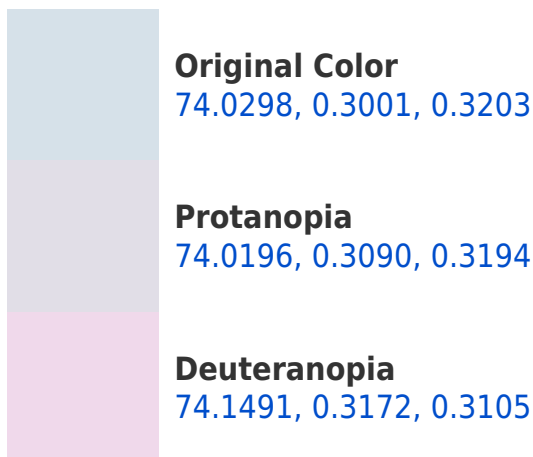


This preview shows how white text looks on a background with the Yxy color 74.0298, 0.3001, 0.3203.

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

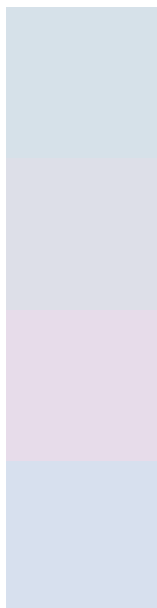




Tritanopia

74.1093, 0.2959, 0.3108

Trichromacy



Original Color

74.0298, 0.3001, 0.3203

Protanomaly

73.9737, 0.3055, 0.3194

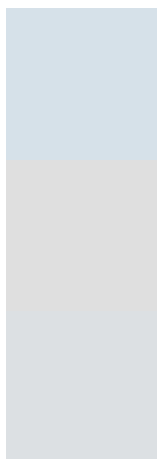
Deuteranomaly

74.1158, 0.3113, 0.3143

Tritanomaly

73.9314, 0.2977, 0.3139

Monochromacy



Original Color

74.0298, 0.3001, 0.3203

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.0730, 0.3080, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0298, 0.3001, 0.3203 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(214, 225, 233) looks like.

```
.text, #text, p{  
    color:rgb(214, 225, 233)  
}
```

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(214, 225, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 225, 233) }
```

Border

The CSS property to change the border of an element to Yxy 74.0298, 0.3001, 0.3203 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(214, 225, 233) }
```

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

```
.border{ border-color:rgb(214, 225, 233) }
```

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

Here you see how a box with a 4 pixel rgb(214, 225, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 225, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 225, 233);  
box-shadow:4px 4px 4px 4px rgb(214, 225,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0298, 0.3001, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 225, 233) }
```

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

```
.background{ background-color: rgb(214,  
225, 233) }
```

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