

Converting Colors

$Yxy(74.2501, 0.2994, 0.3241)$

Have a look what the booklet for
Yxy(74.2501, 0.2994, 0.3241)
contains.

Yxy(74.0111, 0.2994, 0.3235)	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(74.0111, 0.2994, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	D3E2E7
RGB	211, 226, 231
RGB Percent	83%, 89%, 91%
CMY	0.1723, 0.1138, 0.0941
CMYK	0.09, 0.02, 0.00, 0.09
HSL	195°, 29%, 87%
HSV	195°, 9%, 91%
XYZ	68.4974, 74.0111, 86.2738
YIQ	222.0850, -10.5450, -1.6250

Conversions

Conversions Part 2

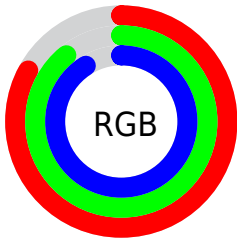
Format	Color
R_{YB}	211, 220, 231
Decimal	13886183
CIE Lab	88.93, -4.00, -4.16
CIE LCh	89, 5.768, 226.158
Yxy	74.0111, 0.2994, 0.3235
Android (android.graphics.Color)	4292076263 (0xFFD3E2E7)
YUV	222.0850, 4.3951, -9.7215
Hunter-Lab	86.0297, -8.4290, 0.7625

Details

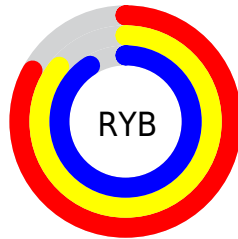
The Yxy color `74.0111, 0.2994, 0.3235` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `70.8459, 0.3271, 0.3344`, and the grayscale version is `73.0925, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `39.2889, 0.2963, 0.3233` is the 20% darker color. If you saturate the color by 10%, you get `67.7383, 0.2841, 0.3165`, and if you desaturate by 10%, it is `80.8874, 0.3148, 0.3298`.

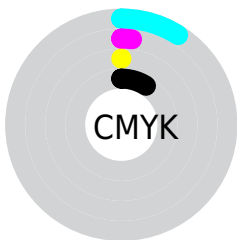
Distribution



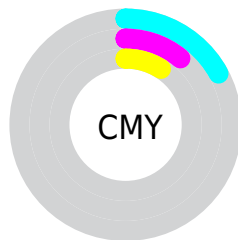
- Red (83%)
- Green (89%)
- Blue (91%)



- Red (83%)
- Yellow (86%)
- Blue (91%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (17%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0111, 0.2994, 0.3235 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 74.0111, 0.2994, 0.3235 by changing the saturation by 10% instead.

■ 74.0111, 0.2994,
0.3235

■ 74.0111, 0.2994,
0.3235

474.5117, 0.3055,
0.3261

■ 54.8031, 0.2980,
0.3229

124.9115, 0.3015,
0.3244

■ 39.2441, 0.2963,
0.3222

157.3728, 0.3023,
0.3247

■ 26.9497, 0.2941,
0.3212

195.0206, 0.3031,
0.3250

■ 17.5354, 0.2913,
0.3200

238.2394, 0.3037,
0.3253

■ 10.6170, 0.2875,
0.3183

287.4134, 0.3042,
0.3255

■ 5.8099, 0.2819,
0.3158

342.9273, 0.3047,

■ 2.7298, 0.2734,

0.3257

0.3118

405.1652, 0.3051,
0.3259

0.9924, 0.2582,
0.3044

0.0000, 0.0000,
0.0000

74.0111, 0.2994,
0.3235

74.0111, 0.2994,
0.3235

67.7383, 0.2841,
0.3165

80.8874, 0.3148,
0.3298

62.0377, 0.2692,
0.3089

87.9461, 0.3286,
0.3355

56.8893, 0.2550,
0.3007

91.3744, 0.3280,
0.3412

52.2676, 0.2419,
0.2921

94.9126, 0.3274,
0.3468

■ 48.1454, 0.2302,
0.2830

■ 98.5494, 0.3268,
0.3522

■ 44.4922, 0.2202,
0.2737

■ 41.2734, 0.2121,
0.2642

■ 38.4485, 0.2060,
0.2548

■ 35.9581, 0.2017,
0.2455

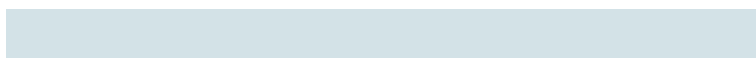
Harmonies

Analogous

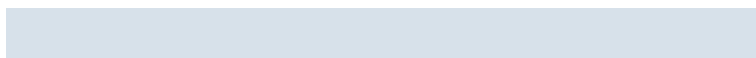
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0111, 0.3019, 0.3296



74.0111, 0.2994, 0.3235



74.0111, 0.3004, 0.3190

Triad

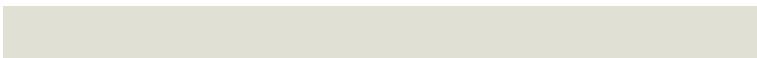
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0111, 0.2994, 0.3235



74.0111, 0.3181, 0.3226



74.0111, 0.3207, 0.3410

Complementary

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



74.0111, 0.2994, 0.3235



70.8459, 0.3271, 0.3344

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.



74.0111, 0.3252, 0.3390



74.0111, 0.2994, 0.3235



74.0111, 0.3237, 0.3283

Square

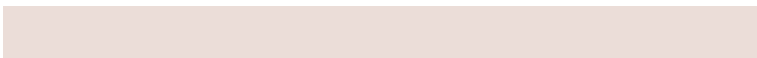
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0111, 0.2994, 0.3235



74.0111, 0.3112, 0.3185



74.0111, 0.3262, 0.3343



74.0111, 0.3142, 0.3398

Rectangle

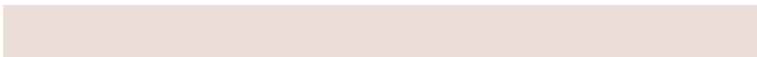
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



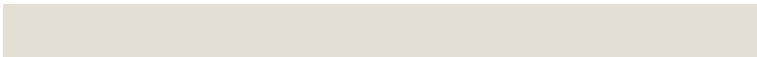
74.0111, 0.2994, 0.3235



74.0111, 0.3030, 0.3175



74.0111, 0.3262, 0.3343



74.0111, 0.3225, 0.3407

Sweetspot

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



74.0142, 0.2994, 0.3235



97.3571, 0.3081, 0.3271



75.9697, 0.3086, 0.3454



20.6898, 0.3068, 0.3266



0.0000, 0.0000, 0.0000



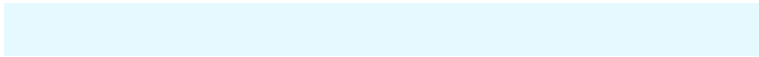
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0142, 0.2994, 0.3235



91.4588, 0.2972, 0.3225



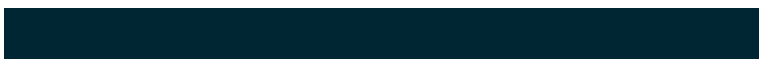
68.7651, 0.2994, 0.3125



15.6906, 0.2981, 0.3230



20.1832, 0.2016, 0.2457



1.6368, 0.2054, 0.2593

Inverse Universe

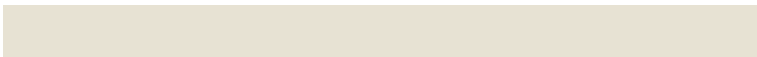
The Inverse Universe completely reimagines the original color for something new.



69.1005, 0.3172, 0.3131



84.3897, 0.3180, 0.3104



76.0959, 0.3260, 0.3450



14.5501, 0.3176, 0.3116



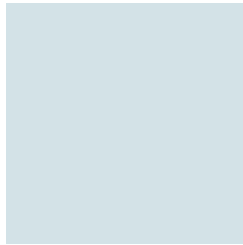
11.2352, 0.3965, 0.1958



0.8449, 0.3831, 0.1884

Previews

White Background



This preview shows how the Yxy color 74.0111, 0.2994, 0.3235 looks on a white background.

Color Contrast Check

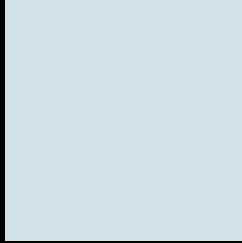
Large Text (above 18pt) WCAG AA × Fail

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 74.0111, 0.2994, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

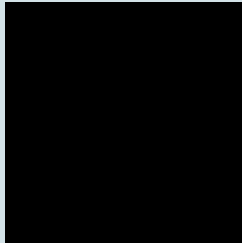
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

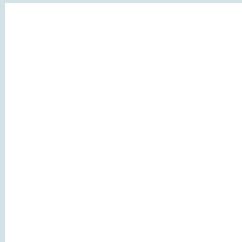
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0111, 0.2994, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 74.0111, 0.2994, 0.3235.

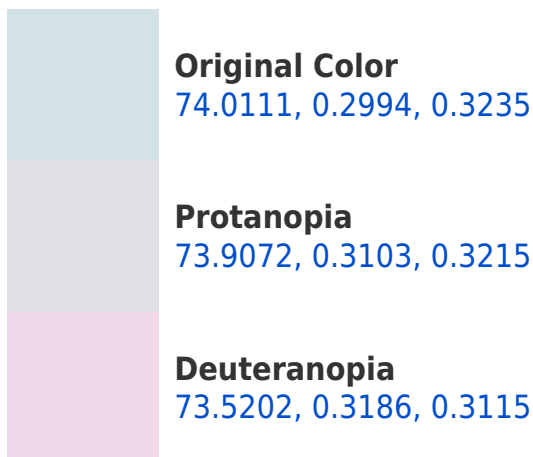


This preview shows how white text looks on a background with the Yxy color 74.0111, 0.2994, 0.3235.

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

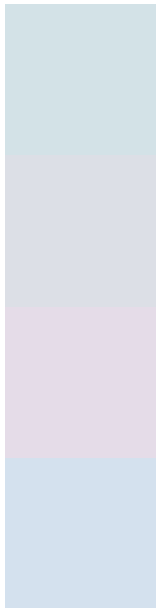




Tritanopia

73.8682, 0.2939, 0.3096

Trichromacy



Original Color

74.0111, 0.2994, 0.3235

Protanomaly

73.7042, 0.3061, 0.3215

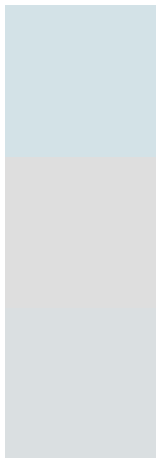
Deuteranomaly

73.6706, 0.3112, 0.3163

Tritanomaly

74.0205, 0.2957, 0.3149

Monochromacy



Original Color

74.0111, 0.2994, 0.3235

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.1170, 0.3079, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0111, 0.2994, 0.3235 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(211, 226, 231)` looks like.

```
.text, #text, p{  
    color:rgb(211, 226, 231)  
}
```

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(211, 226, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 226, 231) }
```

Border

The CSS property to change the border of an element to Yxy 74.0111, 0.2994, 0.3235 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(211, 226, 231) }
```

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

```
.border{ border-color:rgb(211, 226, 231) }
```

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

Here you see how a box with a 4 pixel rgb(211, 226, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 226, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 226, 231);  
box-shadow:4px 4px 4px 4px rgb(211, 226,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0111, 0.2994, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 226, 231) }
```

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

```
.background{ background-color: rgb(211,  
226, 231) }
```

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