

Converting Colors

$Yxy(74.2957, 0.2996, 0.3182)$

Have a look what the booklet for
Yxy(74.2957, 0.2996, 0.3182)
contains.

Yxy(74.2957, 0.2996, 0.3182)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.2957, 0.2996, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	D7E1EB
RGB	215, 225, 235
RGB Percent	84%, 88%, 92%
CMY	0.1567, 0.1177, 0.0785
CMYK	0.08, 0.04, 0.00, 0.08
HSL	210°, 33%, 88%
HSV	210°, 8%, 92%
XYZ	69.9528, 74.2957, 89.2389
YIQ	223.1500, -9.1700, 0.9900

Conversions

Conversions Part 2

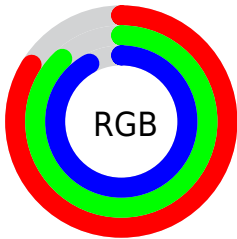
Format	Color
R _Y B	215, 222, 235
Decimal	14148075
CIE Lab	89.06, -1.42, -6.02
CIE LCh	89, 6.190, 256.723
Yxy	74.2957, 0.2996, 0.3182
Android (android.graphics.Color)	4292338155 (0xFFD7E1EB)
YUV	223.1500, 5.8421, -7.1475
Hunter-Lab	86.1950, -5.9768, -1.0473

Details

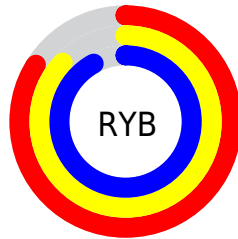
The Yxy color **74.2957, 0.2996, 0.3182** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.4392, 0.3263, 0.3396**, and the grayscale version is **73.8725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4777, 0.2965, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **64.8439, 0.2836, 0.3041**, and if you desaturate by 10%, it is **84.7038, 0.3150, 0.3308**.

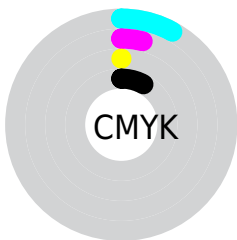
Distribution



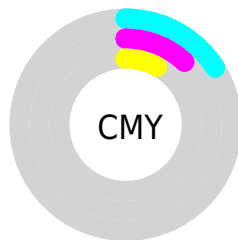
- Red (84%)
- Green (88%)
- Blue (92%)



- Red (84%)
- Yellow (87%)
- Blue (92%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (16%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2957, 0.2996, 0.3182 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 74.2957, 0.2996, 0.3182 by changing the saturation by 10% instead.

■ 74.2957, 0.2996,
0.3182

■ 74.2957, 0.2996,
0.3182

475.4933, 0.3056,
0.3232

■ 55.0361, 0.2982,
0.3171

125.3149, 0.3017,
0.3199

■ 39.4306, 0.2965,
0.3156

157.8433, 0.3025,
0.3206

■ 27.0949, 0.2944,
0.3139

195.5634, 0.3032,
0.3212

■ 17.6445, 0.2916,
0.3115

238.8596, 0.3038,
0.3217

■ 10.6951, 0.2878,
0.3084

288.1163, 0.3044,
0.3221

■ 5.8622, 0.2824,
0.3038

343.7178, 0.3048,

■ 2.7615, 0.2740,

0.3225

0.2966

406.0487, 0.3053,
0.3229

1.0085, 0.2592,
0.2838

0.0000, 0.0000,
0.0000

74.2957, 0.2996,
0.3182

74.2957, 0.2996,
0.3182

64.8439, 0.2836,
0.3041

84.7038, 0.3150,
0.3308

56.3085, 0.2672,
0.2885

94.7272, 0.3250,
0.3422

48.6604, 0.2507,
0.2715

98.7773, 0.3244,
0.3483

41.8651, 0.2347,
0.2533

■ 35.8854, 0.2195,
0.2341

■ 30.6808, 0.2057,
0.2144

■ 26.2059, 0.1939,
0.1947

■ 22.4090, 0.1844,
0.1756

■ 19.2190, 0.1773,
0.1575

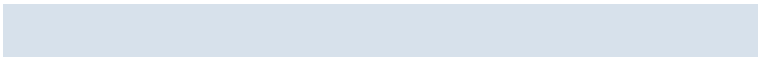
Harmonies

Analogous

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



74.2957, 0.2984, 0.3230



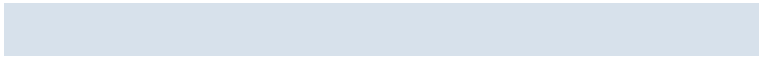
74.2957, 0.2996, 0.3182



74.2957, 0.3042, 0.3164

Triad

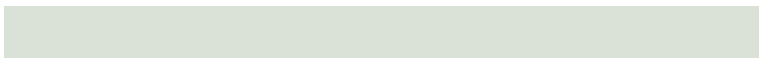
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2957, 0.2996, 0.3182



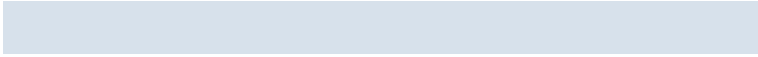
74.2957, 0.3245, 0.3284



74.2957, 0.3141, 0.3405

Complementary

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



74.2957, 0.2996, 0.3182



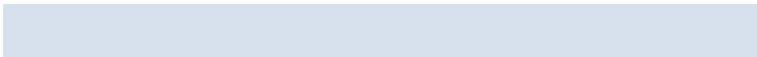
76.4392, 0.3263, 0.3396

Split Complementary

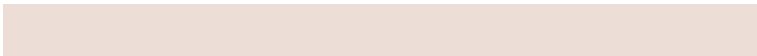
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.2957, 0.3212, 0.3419



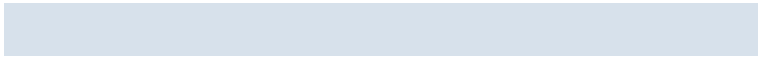
74.2957, 0.2996, 0.3182



74.2957, 0.3272, 0.3348

Square

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



74.2957, 0.2996, 0.3182



74.2957, 0.3186, 0.3222



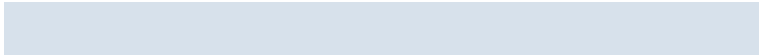
74.2957, 0.3260, 0.3398



74.2957, 0.3068, 0.3360

Rectangle

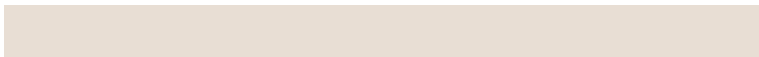
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2957, 0.2996, 0.3182



74.2957, 0.3087, 0.3170



74.2957, 0.3260, 0.3398



74.2957, 0.3166, 0.3414

Sweetspot

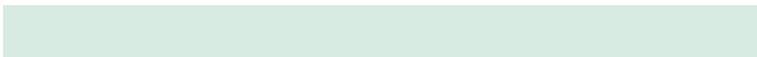
The Sweet Spot groups the original color and five complimentary colors.



74.2988, 0.2996, 0.3182



96.1564, 0.3081, 0.3253



79.2997, 0.3056, 0.3397



20.3654, 0.3069, 0.3243



0.0000, 0.0000, 0.0000



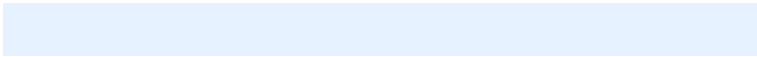
21.4041, 0.3127, 0.3290

Same Dimension

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



74.2988, 0.2996, 0.3182



87.5971, 0.2971, 0.3161



69.0759, 0.2996, 0.3073



15.7906, 0.2981, 0.3169



10.7061, 0.1771, 0.1576



1.0331, 0.1841, 0.1827

Inverse Universe

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



71.7202, 0.3205, 0.3185



83.9999, 0.3221, 0.3166



81.9769, 0.3253, 0.3498



15.1794, 0.3215, 0.3173



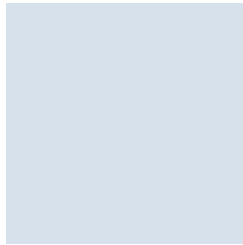
10.5736, 0.4961, 0.2506



0.8497, 0.4653, 0.2337

Previews

White Background



This preview shows how the Yxy color 74.2957, 0.2996, 0.3182 looks on a white background.

Color Contrast Check

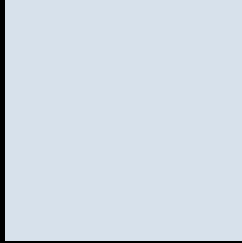
Large Text (above 18pt) WCAG AA × Fail

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 74.2957, 0.2996, 0.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

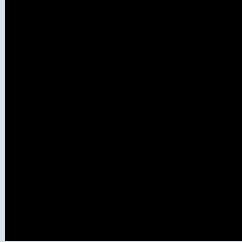
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

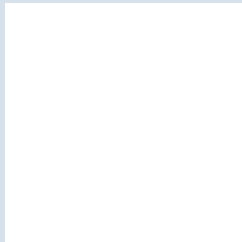
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2957, 0.2996, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 74.2957, 0.2996, 0.3182.

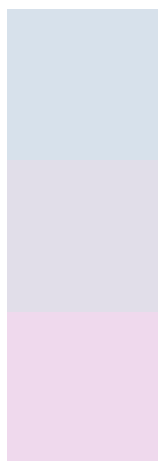


This preview shows how white text looks on a background with the Yxy color 74.2957, 0.2996, 0.3182.

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

74.2957, 0.2996, 0.3182

Protanopia

74.1333, 0.3077, 0.3173

Deuteranopia

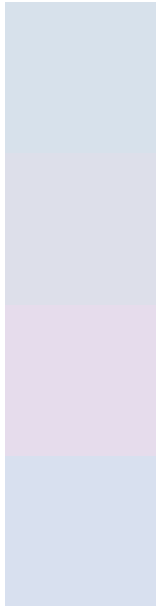
74.0909, 0.3151, 0.3084



Tritanopia

74.3210, 0.2959, 0.3098

Trichromacy



Original Color

74.2957, 0.2996, 0.3182

Protanomaly

74.0880, 0.3043, 0.3172

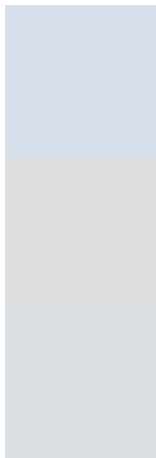
Deuteranomaly

74.0655, 0.3093, 0.3122

Tritanomaly

74.1422, 0.2978, 0.3129

Monochromacy



Original Color

74.2957, 0.2996, 0.3182

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 74.2957, 0.2996, 0.3182 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, 225, 235)` looks like.

```
.text, #text, p{  
    color:rgb(215, 225, 235)  
}
```

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, 225, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 225, 235) }
```

Border

The CSS property to change the border of an element to Yxy 74.2957, 0.2996, 0.3182 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, 225, 235) }
```

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

```
.border{ border-color:rgb(215, 225, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 225, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 225, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 225, 235);  
box-shadow:4px 4px 4px 4px rgb(215, 225,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2957, 0.2996, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 225, 235) }
```

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

```
.background{ background-color: rgb(215,  
225, 235) }
```

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