

Converting Colors

$Yxy(76.0169, 0.2963, 0.3168)$

Have a look what the booklet for
Yxy(76.0169, 0.2963, 0.3168)
contains.

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Color

Yxy(76.0149, 0.2965, 0.3172)

Conversions

Conversions Part 1

Format	Color
Hex	D6E4EF
RGB	214, 228, 239
RGB Percent	84%, 89%, 94%
CMY	0.1607, 0.1059, 0.0628
CMYK	0.10, 0.05, 0.00, 0.06
HSL	206°, 44%, 89%
HSV	206°, 10%, 94%
XYZ	71.0543, 76.0149, 92.5743
YIQ	225.0680, -11.8750, 0.4530

Conversions

Conversions Part 2

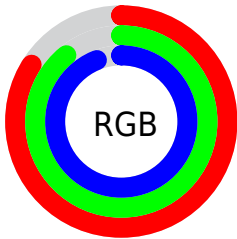
Format	Color
R_{YB}	214, 223, 239
Decimal	14083311
CIE _{Lab}	89.87, -2.53, -6.94
CIE _{LCh}	90, 7.389, 249.967
Yxy	76.0149, 0.2965, 0.3172
Android (android.graphics.Color)	4292273391 (0xFFD6E4EF)
YUV	225.0680, 6.8685, -9.7066
Hunter-Lab	87.1865, -7.1045, -1.9233

Details

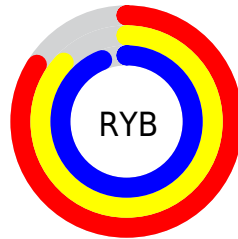
The Yxy color **76.0149, 0.2965, 0.3172** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.0467, 0.3299, 0.3405**, and the grayscale version is **75.3047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6770, 0.2927, 0.3150** is the 20% darker color. If you saturate the color by 10%, you get **67.0762, 0.2806, 0.3046**, and if you desaturate by 10%, it is **85.8387, 0.3120, 0.3285**.

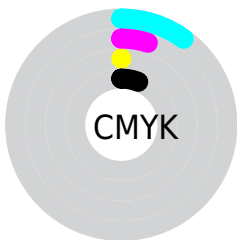
Distribution



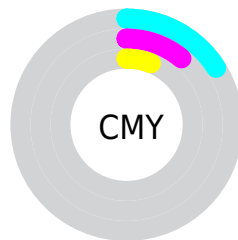
- Red (84%)
- Green (89%)
- Blue (94%)



- Red (84%)
- Yellow (87%)
- Blue (94%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0149, 0.2965, 0.3172 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 76.0149, 0.2965, 0.3172 by changing the saturation by 10% instead.

■ 76.0149, 0.2965,
0.3172

■ 76.0149, 0.2965,
0.3172

481.3987, 0.3039,
0.3227

■ 56.4447, 0.2948,
0.3160

127.7480, 0.2991,
0.3191

■ 40.5596, 0.2928,
0.3144

160.6797, 0.3001,
0.3198

■ 27.9751, 0.2902,
0.3125

198.8340, 0.3009,
0.3205

■ 18.3069, 0.2868,
0.3100

242.5953, 0.3017,
0.3210

■ 11.1706, 0.2822,
0.3065

292.3480, 0.3023,
0.3215

■ 6.1817, 0.2758,
0.3016

348.4766, 0.3029,

■ 2.9559, 0.2658,

0.3219

0.2939

411.3653, 0.3034,
0.3223

■ 1.1087, 0.2487,
0.2803

■ 0.0000, 0.0000,
0.0000

■ 76.0149, 0.2965,
0.3172

■ 76.0149, 0.2965,
0.3172

■ 67.0762, 0.2806,
0.3046

■ 85.8387, 0.3120,
0.3285

■ 58.9841, 0.2645,
0.2908

■ 95.2518, 0.3225,
0.3387

■ 51.7107, 0.2487,
0.2758

■ 99.0110, 0.3220,
0.3444

■ 45.2230, 0.2335,
0.2597

■ 39.4850, 0.2194,
0.2429

■ 34.4572, 0.2069,
0.2257

■ 30.0950, 0.1964,
0.2084

■ 26.3466, 0.1882,
0.1915

■ 23.2622, 0.1822,
0.1759

Harmonies

Analogous

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



76.0149, 0.2961, 0.3235



76.0149, 0.2965, 0.3172



76.0149, 0.3011, 0.3142

Triad

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



76.0149, 0.2965, 0.3172



76.0149, 0.3254, 0.3265



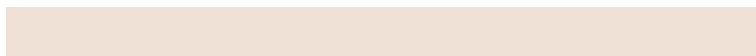
76.0149, 0.3163, 0.3434

Complementary

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



76.0149, 0.2965, 0.3172



77.0467, 0.3299, 0.3405

Split Complementary

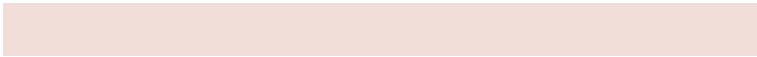
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0149, 0.3243, 0.3441



76.0149, 0.2965, 0.3172



76.0149, 0.3296, 0.3342

Square

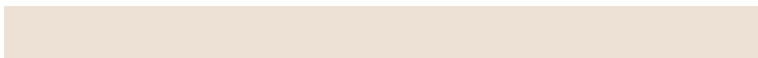
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0149, 0.2965, 0.3172



76.0149, 0.3178, 0.3196



76.0149, 0.3292, 0.3406



76.0149, 0.3075, 0.3388

Rectangle

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



76.0149, 0.2965, 0.3172



76.0149, 0.3061, 0.3144



76.0149, 0.3292, 0.3406



76.0149, 0.3192, 0.3441

Sweetspot

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



76.0181, 0.2965, 0.3172



96.4510, 0.3081, 0.3257



81.4475, 0.3049, 0.3442



20.4449, 0.3069, 0.3249



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.



76.0181, 0.2965, 0.3172



85.2984, 0.2924, 0.3141



69.4735, 0.2963, 0.3037



16.6984, 0.2980, 0.3184



13.1233, 0.1829, 0.1785



1.2896, 0.1889, 0.2001

Inverse Universe

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



72.0473, 0.3214, 0.3145



79.7396, 0.3239, 0.3107



83.9559, 0.3285, 0.3531



15.9072, 0.3205, 0.3158



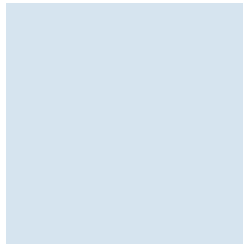
11.1182, 0.4703, 0.2365



0.9449, 0.4452, 0.2226

Previews

White Background



This preview shows how the Yxy color 76.0149, 0.2965, 0.3172 looks on a white background.

Color Contrast Check

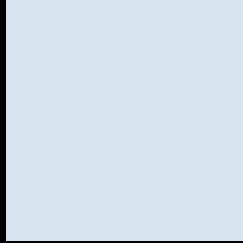
Large Text (above 18pt) WCAG AA × Fail

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 76.0149, 0.2965, 0.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

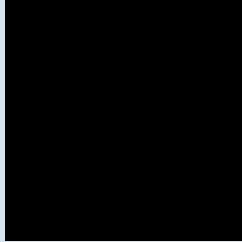
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

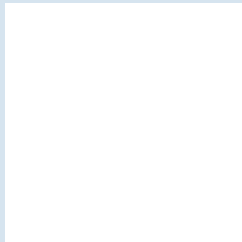
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0149, 0.2965, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 76.0149, 0.2965, 0.3172.

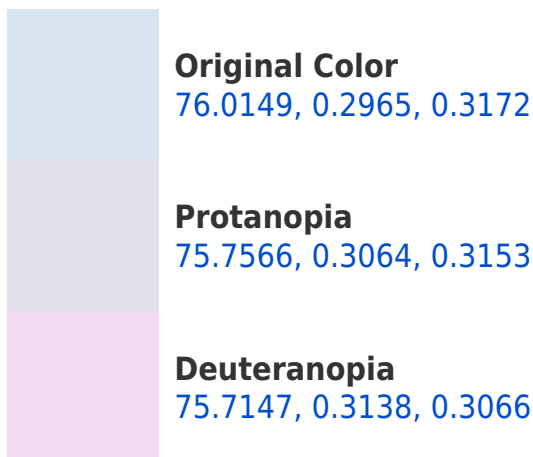


This preview shows how white text looks on a background with the Yxy color 76.0149, 0.2965, 0.3172.

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

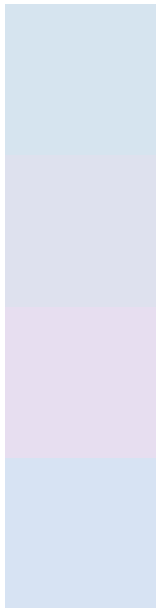




Tritanopia

75.9778, 0.2935, 0.3098

Trichromacy



Original Color

76.0149, 0.2965, 0.3172

Protanomaly

75.5531, 0.3024, 0.3152

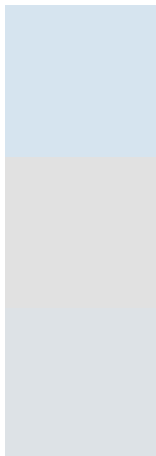
Deuteranomaly

75.5227, 0.3073, 0.3103

Tritanomaly

75.8563, 0.2947, 0.3119

Monochromacy



Original Color

76.0149, 0.2965, 0.3172

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.4780, 0.3067, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0149, 0.2965, 0.3172 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, 228, 239)` looks like.

```
.text, #text, p{  
    color:rgb(214, 228, 239)  
}
```

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, 228, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 228, 239) }
```

Border

The CSS property to change the border of an element to Yxy 76.0149, 0.2965, 0.3172 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, 228, 239) }
```

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

```
.border{ border-color:rgb(214, 228, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 228, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 228, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 228, 239);  
box-shadow:4px 4px 4px 4px rgb(214, 228,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0149, 0.2965, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 228, 239) }
```

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

```
.background{ background-color: rgb(214,  
228, 239) }
```

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](#).

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