

Converting Colors

$Yxy(76.3034, 0.2990, 0.3158)$

Have a look what the booklet for
Yxy(76.3034, 0.2990, 0.3158)
contains.

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Color

Yxy(76.1349, 0.2985, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	DAE3F0
RGB	218, 227, 240
RGB Percent	85%, 89%, 94%
CMY	0.1452, 0.1097, 0.0589
CMYK	0.09, 0.05, 0.00, 0.06
HSL	215°, 42%, 90%
HSV	215°, 9%, 94%
XYZ	72.1011, 76.1349, 93.3087
YIQ	225.7910, -9.5370, 2.1350

Conversions

Conversions Part 2

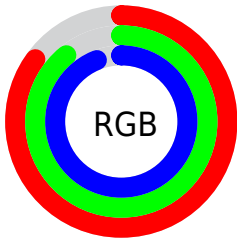
Format	Color
R _Y B	218, 224, 240
Decimal	14345200
CIE Lab	89.92, -0.55, -7.35
CIE LCh	90, 7.366, 265.691
Yxy	76.1349, 0.2985, 0.3152
Android (android.graphics.Color)	4292535280 (0xFFDAE3F0)
YUV	225.7910, 7.0050, -6.8327
Hunter-Lab	87.2553, -5.1981, -2.3246

Details

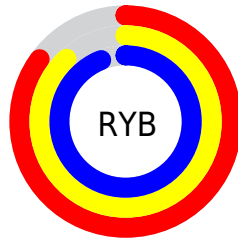
The Yxy color **76.1349, 0.2985, 0.3152** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.6930, 0.3273, 0.3424**, and the grayscale version is **75.8464, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7523, 0.2952, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **65.2855, 0.2822, 0.2984**, and if you desaturate by 10%, it is **88.1610, 0.3140, 0.3302**.

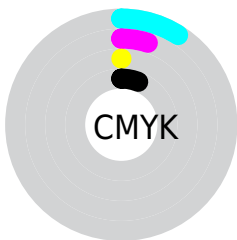
Distribution



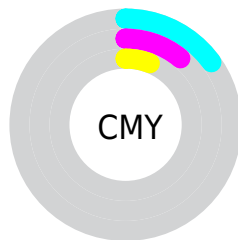
- Red (85%)
- Green (89%)
- Blue (94%)



- Red (85%)
- Yellow (88%)
- Blue (94%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.1349, 0.2985, 0.3152 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 76.1349, 0.2985, 0.3152 by changing the saturation by 10% instead.

■ 76.1349, 0.2985,
0.3152

■ 76.1349, 0.2985,
0.3152

481.8094, 0.3050,
0.3215

■ 56.5431, 0.2970,
0.3138

127.9176, 0.3007,
0.3174

■ 40.6386, 0.2952,
0.3120

160.8773, 0.3016,
0.3182

■ 28.0368, 0.2929,
0.3098

199.0617, 0.3024,
0.3190

■ 18.3534, 0.2900,
0.3069

242.8554, 0.3030,
0.3196

■ 11.2040, 0.2859,
0.3029

292.6425, 0.3036,
0.3202

■ 6.2042, 0.2802,
0.2973

348.8077, 0.3041,

■ 2.9697, 0.2714,

0.3207

0.2887

411.7351, 0.3046,
0.3211

■ 1.1159, 0.2562,
0.2736

■ 0.0000, 0.0000,
0.0000

■ 76.1349, 0.2985,
0.3152

■ 76.1349, 0.2985,
0.3152

■ 65.2855, 0.2822,
0.2984

■ 88.1610, 0.3140,
0.3302

■ 55.5651, 0.2652,
0.2798

■ 99.0695, 0.3215,
0.3435

■ 46.9366, 0.2479,
0.2595

■ 39.3569, 0.2308,
0.2377

■ 32.7800, 0.2145,
0.2149

■ 27.1554, 0.1996,
0.1918

■ 22.4274, 0.1867,
0.1691

■ 18.5323, 0.1766,
0.1476

■ 15.3815, 0.1691,
0.1282

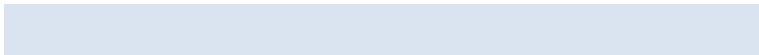
Harmonies

Analogous

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



76.1349, 0.2958, 0.3199



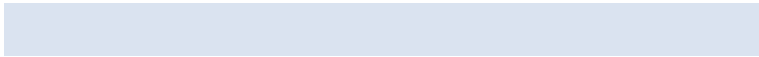
76.1349, 0.2985, 0.3152



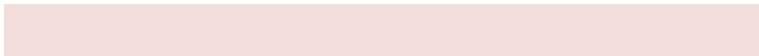
76.1349, 0.3050, 0.3142

Triad

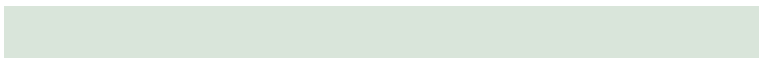
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.1349, 0.2985, 0.3152



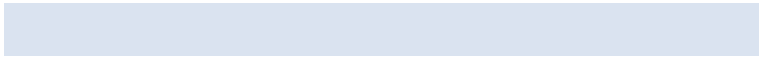
76.1349, 0.3281, 0.3306



76.1349, 0.3117, 0.3414

Complementary

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



76.1349, 0.2985, 0.3152



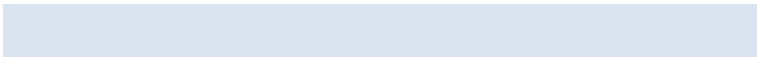
80.6930, 0.3273, 0.3424

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.



76.1349, 0.3204, 0.3442



76.1349, 0.2985, 0.3152



76.1349, 0.3299, 0.3378

Square

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



76.1349, 0.2985, 0.3152



76.1349, 0.3221, 0.3230



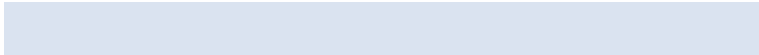
76.1349, 0.3271, 0.3429



76.1349, 0.3034, 0.3351

Rectangle

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



76.1349, 0.2985, 0.3152



76.1349, 0.3106, 0.3157



76.1349, 0.3271, 0.3429



76.1349, 0.3147, 0.3428

Sweetspot

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



76.1381, 0.2985, 0.3152



95.7368, 0.3081, 0.3246



82.9626, 0.3039, 0.3387



20.2522, 0.3069, 0.3234



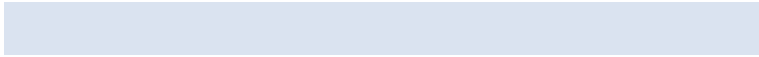
0.0000, 0.0000, 0.0000



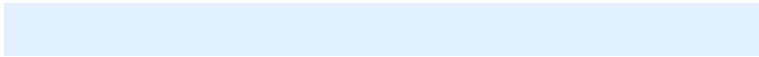
21.4041, 0.3127, 0.3290

Same Dimension

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



76.1381, 0.2985, 0.3152



84.9715, 0.2955, 0.3122



71.6054, 0.2997, 0.3055



16.2958, 0.2980, 0.3147



8.5396, 0.1693, 0.1296



0.9016, 0.1765, 0.1555

Inverse Universe

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



74.1971, 0.3225, 0.3197



82.3721, 0.3247, 0.3177



85.5639, 0.3251, 0.3516



15.8666, 0.3229, 0.3193



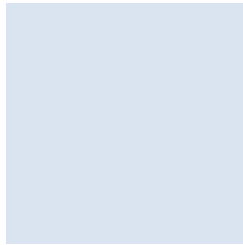
10.6554, 0.5332, 0.2711



0.9057, 0.4989, 0.2522

Previews

White Background



This preview shows how the Yxy color 76.1349, 0.2985, 0.3152 looks on a white background.

Color Contrast Check

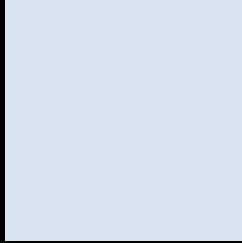
Large Text (above 18pt) WCAG AA × Fail

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 76.1349, 0.2985, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

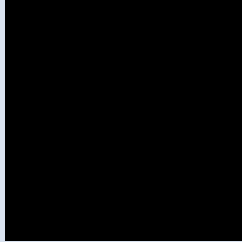
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

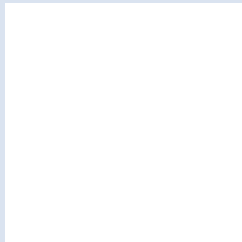
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1349, 0.2985, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 76.1349, 0.2985, 0.3152.

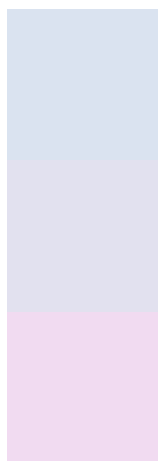


This preview shows how white text looks on a background with the Yxy color 76.1349, 0.2985, 0.3152.

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

76.1349, 0.2985, 0.3152

Protanopia

76.2512, 0.3045, 0.3143

Deuteranopia

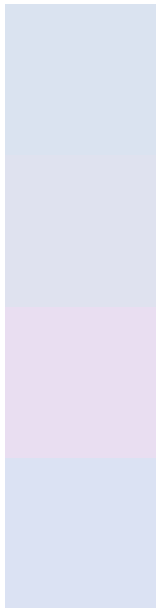
75.7147, 0.3138, 0.3066



Tritanopia

75.9844, 0.2967, 0.3100

Trichromacy



Original Color

76.1349, 0.2985, 0.3152

Protanomaly

76.3127, 0.3024, 0.3153

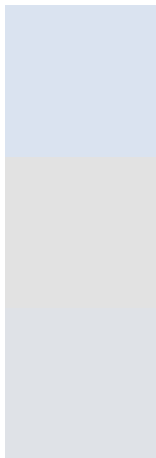
Deuteranomaly

75.9171, 0.3081, 0.3094

Tritanomaly

75.9238, 0.2973, 0.3110

Monochromacy



Original Color

76.1349, 0.2985, 0.3152

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.8502, 0.3075, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1349, 0.2985, 0.3152 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(218, 227, 240)` looks like.

```
.text, #text, p{  
    color:rgb(218, 227, 240)  
}
```

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(218, 227, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 227, 240) }
```

Border

The CSS property to change the border of an element to Yxy 76.1349, 0.2985, 0.3152 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(218, 227, 240) }
```

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

```
.border{ border-color:rgb(218, 227, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 227, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 227, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 227, 240);  
box-shadow:4px 4px 4px 4px rgb(218, 227,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1349, 0.2985, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 227, 240) }
```

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

```
.background{ background-color: rgb(218,  
227, 240) }
```

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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