

Converting Colors

$Yxy(70.4088, 0.2972, 0.3155)$

Have a look what the booklet for
Yxy(70.4088, 0.2972, 0.3155)
contains.

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Color

Yxy(70.5679, 0.2974, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	D1DCE8
RGB	209, 220, 232
RGB Percent	82%, 86%, 91%
CMY	0.1802, 0.1373, 0.0903
CMYK	0.10, 0.05, 0.00, 0.09
HSL	211°, 33%, 86%
HSV	211°, 10%, 91%
XYZ	66.4563, 70.5679, 86.4334
YIQ	218.0790, -10.4080, 1.4000

Conversions

Conversions Part 2

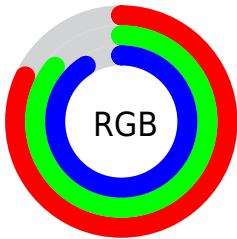
Format	Color
R _Y B	209, 216, 232
Decimal	13753576
CIE Lab	87.27, -1.37, -7.12
CIE LCh	87, 7.255, 259.132
Yxy	70.5679, 0.2974, 0.3158
Android (android.graphics.Color)	4291943656 (0xFFD1DCE8)
YUV	218.0790, 6.8631, -7.9623
Hunter-Lab	84.0047, -5.7965, -2.2009

Details

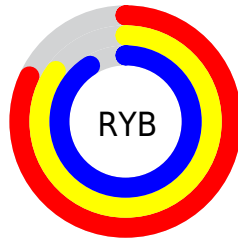
The Yxy color $70.5679, 0.2974, 0.3158$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73.4684, 0.3287, 0.3419$, and the grayscale version is $70.1296, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.9149, 0.2936, 0.3131$ is the 20% darker color. If you saturate the color by 10%, you get $61.3035, 0.2813, 0.3009$, and if you desaturate by 10%, it is $80.7910, 0.3129, 0.3291$.

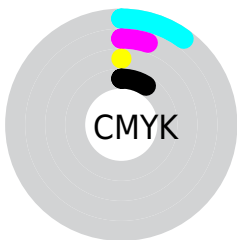
Distribution



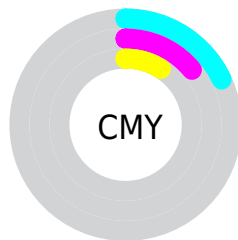
- Red (82%)
- Green (86%)
- Blue (91%)



- Red (82%)
- Yellow (85%)
- Blue (91%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.5679, 0.2974, 0.3158 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 70.5679, 0.2974, 0.3158 by changing the saturation by 10% instead.

■ 70.5679, 0.2974,
0.3158

■ 70.5679, 0.2974,
0.3158

462.5415, 0.3045,
0.3220

■ 51.9896, 0.2958,
0.3144

120.0183, 0.2999,
0.3179

■ 36.9968, 0.2938,
0.3126

151.6592, 0.3008,
0.3188

■ 25.2050, 0.2912,
0.3104

188.4231, 0.3017,
0.3195

■ 16.2299, 0.2878,
0.3074

230.6944, 0.3024,
0.3201

■ 9.6870, 0.2833,
0.3034

278.8575, 0.3030,
0.3207

■ 5.1919, 0.2766,
0.2975

333.2968, 0.3036,

■ 2.3603, 0.2661,

0.3211

0.2881

394.3966, 0.3041,
0.3216

0.8053, 0.2462,
0.2708

0.0000, 0.0000,
0.0000

70.5679, 0.2974,
0.3158

70.5679, 0.2974,
0.3158

61.3035, 0.2813,
0.3009

80.7910, 0.3129,
0.3291

52.9580, 0.2647,
0.2844

91.9115, 0.3273,
0.3410

45.5016, 0.2481,
0.2665

98.6041, 0.3262,
0.3513

38.8994, 0.2319,
0.2473

■ 33.1138, 0.2166,
0.2272

■ 28.1033, 0.2028,
0.2067

■ 23.8221, 0.1910,
0.1863

■ 20.2171, 0.1816,
0.1667

■ 17.2064, 0.1746,
0.1483

Harmonies

Analogous

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



70.5679, 0.2957, 0.3212



70.5679, 0.2974, 0.3158



70.5679, 0.3032, 0.3139

Triad

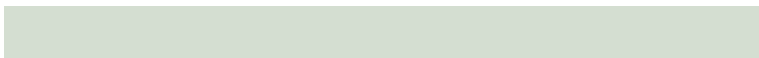
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.5679, 0.2974, 0.3158



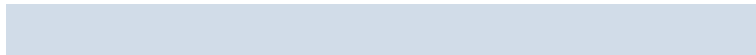
70.5679, 0.3272, 0.3289



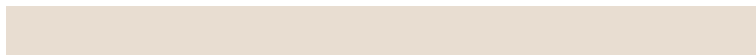
70.5679, 0.3136, 0.3425

Complementary

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



70.5679, 0.2974, 0.3158



73.4684, 0.3287, 0.3419

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.



70.5679, 0.3222, 0.3444



70.5679, 0.2974, 0.3158



70.5679, 0.3301, 0.3364

Square

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



70.5679, 0.2974, 0.3158



70.5679, 0.3204, 0.3214



70.5679, 0.3282, 0.3422



70.5679, 0.3050, 0.3368

Rectangle

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



70.5679, 0.2974, 0.3158



70.5679, 0.3086, 0.3149



70.5679, 0.3282, 0.3422



70.5679, 0.3166, 0.3436

Sweetspot

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



70.5709, 0.2974, 0.3158



96.0571, 0.3081, 0.3251



76.4672, 0.3042, 0.3412



20.3386, 0.3069, 0.3241



0.0000, 0.0000, 0.0000



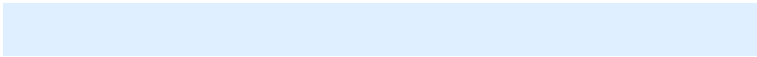
21.4041, 0.3127, 0.3290

Same Dimension

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



70.5709, 0.2974, 0.3158



84.8826, 0.2939, 0.3127



65.0601, 0.2976, 0.3035



15.0184, 0.2981, 0.3164



9.7866, 0.1753, 0.1510



0.9083, 0.1828, 0.1781

Inverse Universe

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



67.9363, 0.3222, 0.3173



81.0204, 0.3246, 0.3146



79.3832, 0.3271, 0.3533



14.4822, 0.3218, 0.3178



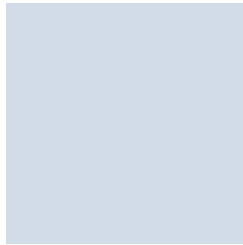
10.1857, 0.5046, 0.2554



0.7714, 0.4708, 0.2367

Previews

White Background



This preview shows how the Yxy color 70.5679, 0.2974, 0.3158 looks on a white background.

Color Contrast Check

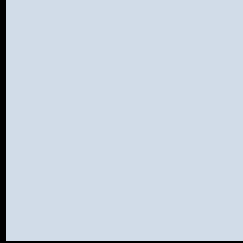
Large Text (above 18pt) WCAG AA × Fail

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 70.5679, 0.2974, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

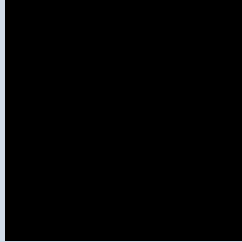
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

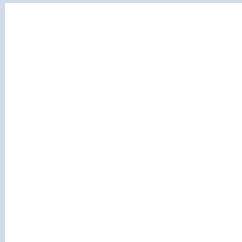
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.5679, 0.2974, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 70.5679, 0.2974, 0.3158.

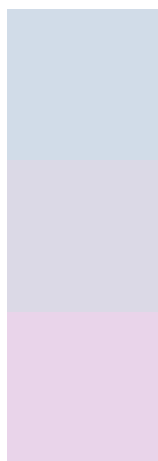


This preview shows how white text looks on a background with the Yxy color 70.5679, 0.2974, 0.3158.

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

70.5679, 0.2974, 0.3158

Protanopia

70.3989, 0.3056, 0.3149

Deuteranopia

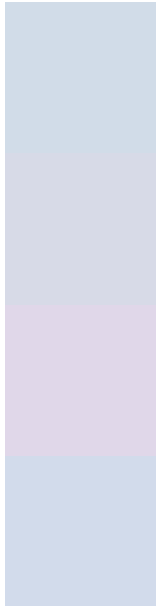
70.3511, 0.3131, 0.3059



Tritanopia

70.4791, 0.2949, 0.3093

Trichromacy



Original Color

70.5679, 0.2974, 0.3158

Protanomaly

70.3594, 0.3021, 0.3148

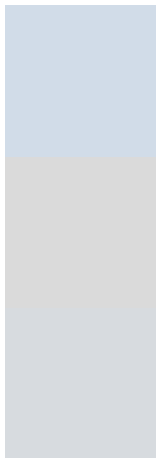
Deuteranomaly

70.3314, 0.3072, 0.3097

Tritanomaly

70.3628, 0.2961, 0.3114

Monochromacy



Original Color

70.5679, 0.2974, 0.3158

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.4378, 0.3072, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5679, 0.2974, 0.3158 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(209, 220, 232)` looks like.

```
.text, #text, p{  
    color:rgb(209, 220, 232)  
}
```

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(209, 220, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 220, 232) }
```

Border

The CSS property to change the border of an element to Yxy 70.5679, 0.2974, 0.3158 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(209, 220, 232) }
```

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

```
.border{ border-color:rgb(209, 220, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 220, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 220, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 220, 232);  
box-shadow:4px 4px 4px 4px rgb(209, 220,  
232) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 70.5679, 0.2974, 0.3158$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 220, 232) }
```

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

```
.background{ background-color: rgb(209,  
220, 232) }
```

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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