

Converting Colors

$Yxy(69.6801, 0.3026, 0.3187)$

Have a look what the booklet for
Yxy(69.6801, 0.3026, 0.3187)
contains.

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Color

Yxy(69.6859, 0.3026, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	D4DAE3
RGB	212, 218, 227
RGB Percent	83%, 85%, 89%
CMY	0.1686, 0.1451, 0.1099
CMYK	0.07, 0.04, 0.00, 0.11
HSL	216°, 21%, 86%
HSV	216°, 7%, 89%
XYZ	66.0826, 69.6859, 82.6142
YIQ	217.2320, -6.4650, 1.5270

Conversions

Conversions Part 2

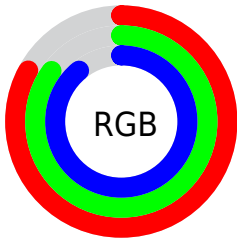
Format	Color
R _Y B	212, 216, 227
Decimal	13949667
CIE Lab	86.84, -0.34, -5.10
CIE LCh	87, 5.112, 266.199
Yxy	69.6859, 0.3026, 0.3191
Android (android.graphics.Color)	4292139747 (0xFFD4DAE3)
YUV	217.2320, 4.8156, -4.5885
Hunter-Lab	83.4781, -4.7832, -0.2417

Details

The Yxy color **69.6859, 0.3026, 0.3191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.7649, 0.3230, 0.3387**, and the grayscale version is **69.5250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3410, 0.2995, 0.3160** is the 20% darker color. If you saturate the color by 10%, you get **59.7936, 0.2865, 0.3026**, and if you desaturate by 10%, it is **80.6351, 0.3178, 0.3338**.

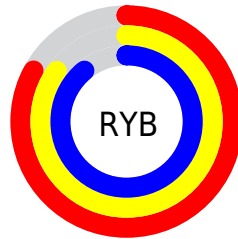
Distribution



Red (83%)

Green (85%)

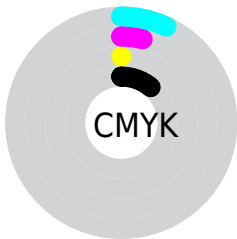
Blue (89%)



Red (83%)

Yellow (85%)

Blue (89%)

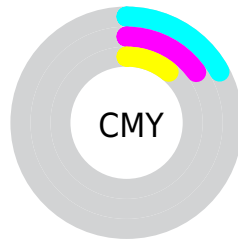


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (11%)



Cyan (17%)

Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.6859, 0.3026, 0.3191 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 69.6859, 0.3026, 0.3191 by changing the saturation by 10% instead.

■ 69.6859, 0.3026,
0.3191

■ 69.6859, 0.3026,
0.3191

459.4464, 0.3073,
0.3237

■ 51.2705, 0.3015,
0.3180

118.7607, 0.3042,
0.3207

■ 36.4239, 0.3002,
0.3167

150.1889, 0.3049,
0.3213

■ 24.7618, 0.2985,
0.3150

186.7235, 0.3054,
0.3219

■ 15.8997, 0.2962,
0.3128

228.7489, 0.3059,
0.3223

■ 9.4532, 0.2931,
0.3098

276.6495, 0.3063,
0.3228

■ 5.0379, 0.2886,
0.3053

330.8097, 0.3067,

■ 2.2695, 0.2814,

0.3231

0.2981

391.6139, 0.3070,
0.3234

0.7575, 0.2668,
0.2840

0.0000, 0.0000,
0.0000

69.6859, 0.3026,
0.3191

69.6859, 0.3026,
0.3191

59.7936, 0.2865,
0.3026

80.6351, 0.3178,
0.3338

50.9158, 0.2697,
0.2842

92.2081, 0.3303,
0.3469

43.0203, 0.2524,
0.2640

98.3241, 0.3292,
0.3562

36.0694, 0.2351,
0.2423

■ 30.0228, 0.2185,
0.2195

■ 24.8370, 0.2030,
0.1961

■ 20.4638, 0.1895,
0.1730

■ 16.8488, 0.1785,
0.1510

■ 13.9271, 0.1703,
0.1309

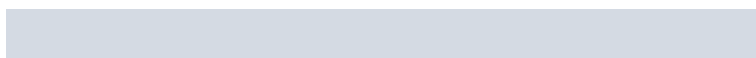
Harmonies

Analogous

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



69.6859, 0.3006, 0.3224



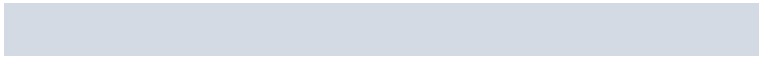
69.6859, 0.3026, 0.3191



69.6859, 0.3073, 0.3184

Triad

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



69.6859, 0.3026, 0.3191



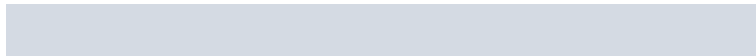
69.6859, 0.3237, 0.3302



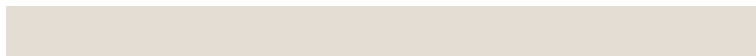
69.6859, 0.3119, 0.3378

Complementary

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



69.6859, 0.3026, 0.3191



72.7649, 0.3230, 0.3387

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.



69.6859, 0.3181, 0.3398



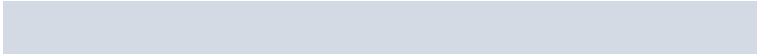
69.6859, 0.3026, 0.3191



69.6859, 0.3250, 0.3354

Square

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



69.6859, 0.3026, 0.3191



69.6859, 0.3195, 0.3248



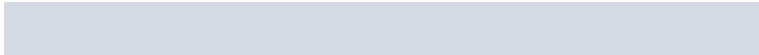
69.6859, 0.3229, 0.3390



69.6859, 0.3059, 0.3333

Rectangle

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



69.6859, 0.3026, 0.3191



69.6859, 0.3113, 0.3195



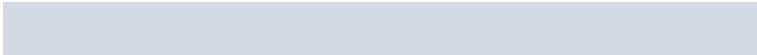
69.6859, 0.3229, 0.3390



69.6859, 0.3140, 0.3388

Sweetspot

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



69.6889, 0.3026, 0.3191



97.1145, 0.3097, 0.3261



74.1212, 0.3064, 0.3358



20.8168, 0.3098, 0.3262



0.0000, 0.0000, 0.0000



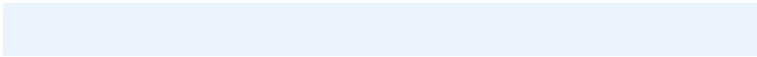
21.4041, 0.3127, 0.3290

Same Dimension

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



69.6889, 0.3026, 0.3191



88.7939, 0.3003, 0.3168



66.8116, 0.3036, 0.3124



14.8330, 0.2981, 0.3146



7.8336, 0.1687, 0.1272



0.7569, 0.1767, 0.1562

Inverse Universe

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



68.4726, 0.3196, 0.3225



86.9067, 0.3213, 0.3210



75.7951, 0.3216, 0.3451



14.4635, 0.3230, 0.3196



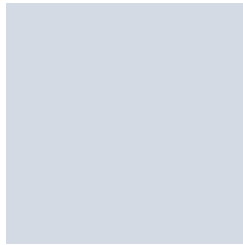
9.9885, 0.5365, 0.2729



0.7561, 0.4980, 0.2517

Previews

White Background



This preview shows how the Yxy color 69.6859, 0.3026, 0.3191 looks on a white background.

Color Contrast Check

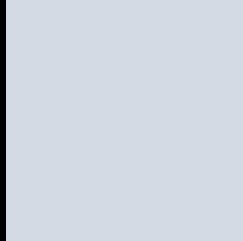
Large Text (above 18pt) WCAG AA × Fail

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 69.6859, 0.3026, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

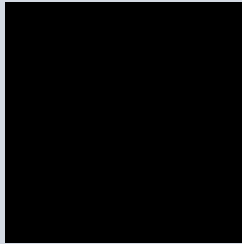
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

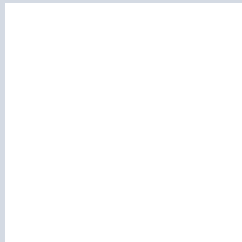
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.6859, 0.3026, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 69.6859, 0.3026, 0.3191.

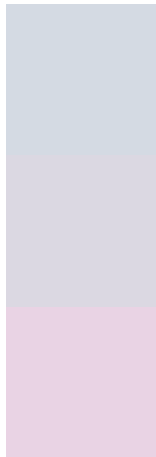


This preview shows how white text looks on a background with the Yxy color 69.6859, 0.3026, 0.3191.

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

69.6859, 0.3026, 0.3191

Protanopia

69.6628, 0.3082, 0.3181

Deuteranopia

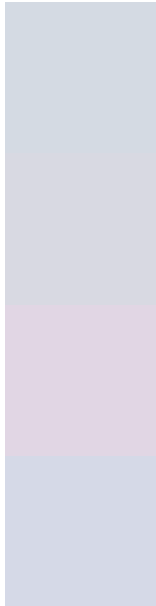
69.5136, 0.3172, 0.3110



Tritanopia

69.7124, 0.2988, 0.3104

Trichromacy



Original Color

69.6859, 0.3026, 0.3191

Protanomaly

69.7156, 0.3060, 0.3191

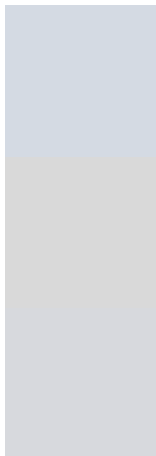
Deuteranomaly

69.7021, 0.3112, 0.3140

Tritanomaly

69.5414, 0.3007, 0.3136

Monochromacy



Original Color

69.6859, 0.3026, 0.3191

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.2932, 0.3086, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6859, 0.3026, 0.3191 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(212, 218, 227)` looks like.

```
.text, #text, p{  
    color:rgb(212, 218, 227)  
}
```

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(212, 218, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 218, 227) }
```

Border

The CSS property to change the border of an element to Yxy 69.6859, 0.3026, 0.3191 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(212, 218, 227) }
```

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

```
.border{ border-color:rgb(212, 218, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 218, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 218, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 218, 227);  
box-shadow:4px 4px 4px 4px rgb(212, 218,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6859, 0.3026, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 218, 227) }
```

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

```
.background{ background-color: rgb(212,  
218, 227) }
```

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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