

Converting Colors

$Yxy(69.3073, 0.3016, 0.3206)$

Have a look what the booklet for
Yxy(69.3073, 0.3016, 0.3206)
contains.

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Color

Yxy(69.1891, 0.3011, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	D1DAE2
RGB	209, 218, 226
RGB Percent	82%, 85%, 89%
CMY	0.1806, 0.1450, 0.1137
CMYK	0.08, 0.04, 0.00, 0.11
HSL	208°, 23%, 85%
HSV	208°, 8%, 89%
XYZ	65.0823, 69.1891, 81.8770
YIQ	216.2210, -7.9320, 0.5800

Conversions

Conversions Part 2

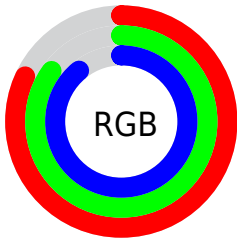
Format	Color
R _Y B	209, 215, 226
Decimal	13753058
CIE Lab	86.60, -1.53, -4.98
CIE LCh	87, 5.208, 252.925
Yxy	69.1891, 0.3011, 0.3201
Android (android.graphics.Color)	4291943138 (0xFFD1DAE2)
YUV	216.2210, 4.8210, -6.3328
Hunter-Lab	83.1800, -5.9017, -0.1353

Details

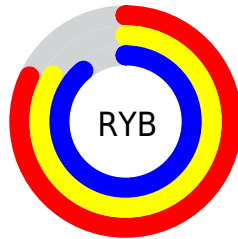
The Yxy color **69.1891, 0.3011, 0.3201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3603, 0.3248, 0.3377**, and the grayscale version is **68.7951, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1032, 0.2985, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **60.8136, 0.2852, 0.3071**, and if you desaturate by 10%, it is **78.3883, 0.3164, 0.3317**.

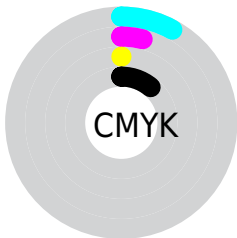
Distribution



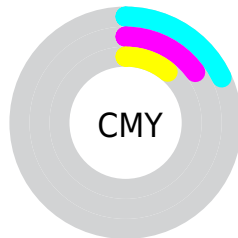
- Red (82%)
- Green (85%)
- Blue (89%)



- Red (82%)
- Yellow (84%)
- Blue (89%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.1891, 0.3011, 0.3201 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 69.1891, 0.3011, 0.3201 by changing the saturation by 10% instead.

■ 69.1891, 0.3011,
0.3201

■ 69.1891, 0.3011,
0.3201

457.6976, 0.3065,
0.3243

■ 50.8657, 0.2999,
0.3191

118.0516, 0.3030,
0.3216

■ 36.1018, 0.2983,
0.3179

149.3596, 0.3037,
0.3221

■ 24.5128, 0.2963,
0.3164

185.7645, 0.3043,
0.3226

■ 15.7144, 0.2937,
0.3144

227.6508, 0.3049,
0.3230

■ 9.3223, 0.2902,
0.3116

275.4029, 0.3054,
0.3234

■ 4.9520, 0.2850,
0.3075

329.4051, 0.3058,

■ 2.2191, 0.2767,

0.3237

0.3008

390.0419, 0.3062,
0.3240

0.7304, 0.2584,
0.2873

0.0000, 0.0000,
0.0000

69.1891, 0.3011,
0.3201

69.1891, 0.3011,
0.3201

60.8136, 0.2852,
0.3071

78.3883, 0.3164,
0.3317

53.2268, 0.2691,
0.2928

88.4271, 0.3310,
0.3421

46.4041, 0.2530,
0.2771

94.9710, 0.3304,
0.3522

40.3161, 0.2373,
0.2603

98.2711, 0.3298,
0.3572

■ 34.9307, 0.2224,
0.2426

■ 30.2134, 0.2090,
0.2244

■ 26.1252, 0.1975,
0.2060

■ 22.6219, 0.1881,
0.1879

■ 19.6459, 0.1811,
0.1706

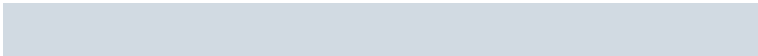
Harmonies

Analogous

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



69.1891, 0.3005, 0.3245



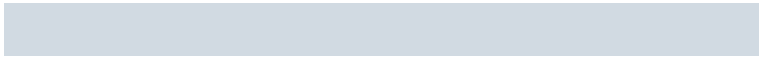
69.1891, 0.3011, 0.3201



69.1891, 0.3048, 0.3181

Triad

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



69.1891, 0.3011, 0.3201



69.1891, 0.3224, 0.3278



69.1891, 0.3147, 0.3392

Complementary

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



69.1891, 0.3011, 0.3201



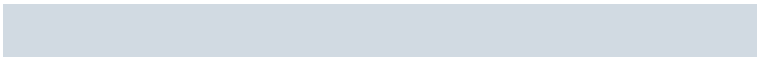
70.3603, 0.3248, 0.3377

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.



69.1891, 0.3207, 0.3401



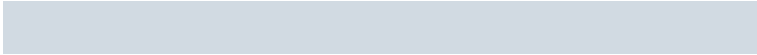
69.1891, 0.3011, 0.3201



69.1891, 0.3251, 0.3333

Square

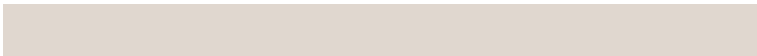
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1891, 0.3011, 0.3201



69.1891, 0.3171, 0.3226



69.1891, 0.3245, 0.3379



69.1891, 0.3083, 0.3356

Rectangle

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



69.1891, 0.3011, 0.3201



69.1891, 0.3085, 0.3184



69.1891, 0.3245, 0.3379



69.1891, 0.3169, 0.3399

Sweetspot

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



69.1920, 0.3011, 0.3201



97.5318, 0.3097, 0.3267



72.9469, 0.3068, 0.3391



20.9018, 0.3098, 0.3268



0.0000, 0.0000, 0.0000



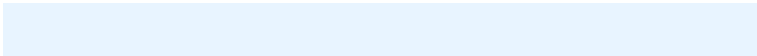
21.4041, 0.3127, 0.3290

Same Dimension

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



69.1920, 0.3011, 0.3201



89.2406, 0.2987, 0.3182



64.8939, 0.3011, 0.3105



14.4444, 0.2981, 0.3177



11.0654, 0.1803, 0.1691



0.9458, 0.1877, 0.1957

Inverse Universe

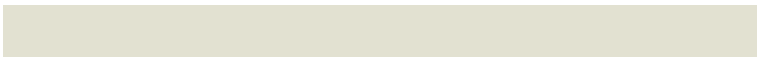
The Inverse Universe completely reimagines the original color for something new.



66.8078, 0.3192, 0.3191



85.5487, 0.3206, 0.3171



74.8556, 0.3239, 0.3468



13.8218, 0.3209, 0.3166



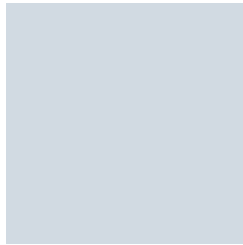
10.0251, 0.4817, 0.2427



0.7129, 0.4502, 0.2254

Previews

White Background



This preview shows how the Yxy color 69.1891, 0.3011, 0.3201 looks on a white background.

Color Contrast Check

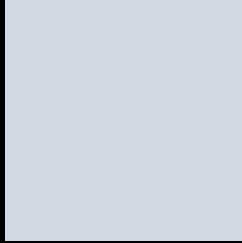
Large Text (above 18pt) WCAG AA × Fail

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 69.1891, 0.3011, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

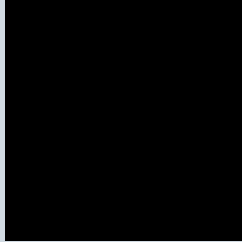
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

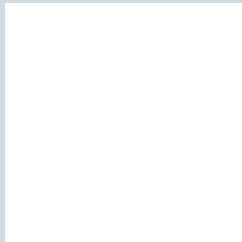
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.1891, 0.3011, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 69.1891, 0.3011, 0.3201.

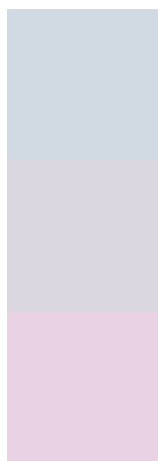


This preview shows how white text looks on a background with the Yxy color 69.1891, 0.3011, 0.3201.

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

69.1891, 0.3011, 0.3201

Protanopia

68.8881, 0.3088, 0.3191

Deuteranopia

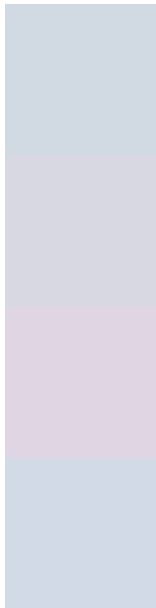
69.0183, 0.3173, 0.3100



Tritanopia

69.2679, 0.2967, 0.3103

Trichromacy



Original Color

69.1891, 0.3011, 0.3201

Protanomaly

68.9950, 0.3060, 0.3191

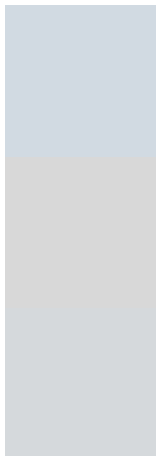
Deuteranomaly

68.9818, 0.3112, 0.3139

Tritanomaly

69.0969, 0.2986, 0.3135

Monochromacy



Original Color

69.1891, 0.3011, 0.3201

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.9391, 0.3079, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1891, 0.3011, 0.3201 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, 218, 226)` looks like.

```
.text, #text, p{  
    color:rgb(209, 218, 226)  
}
```

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, 218, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 218, 226) }
```

Border

The CSS property to change the border of an element to Yxy 69.1891, 0.3011, 0.3201 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, 218, 226) }
```

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

```
.border{ border-color:rgb(209, 218, 226) }
```

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

Here you see how a box with a 4 pixel rgb(209, 218, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 218, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 218, 226);  
box-shadow:4px 4px 4px 4px rgb(209, 218,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1891, 0.3011, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 218, 226) }
```

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

```
.background{ background-color: rgb(209,  
218, 226) }
```

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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