

Converting Colors

Yxy(69.4932, 0.3019, 0.3184)

Have a look what the booklet for
Yxy(69.4932, 0.3019, 0.3184)
contains.

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Color

Yxy(69.5377, 0.3019, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	D3DAE3
RGB	211, 218, 227
RGB Percent	83%, 85%, 89%
CMY	0.1724, 0.1451, 0.1097
CMYK	0.07, 0.04, 0.00, 0.11
HSL	214°, 22%, 86%
HSV	214°, 7%, 89%
XYZ	65.8101, 69.5377, 82.6387
YIQ	216.9330, -7.0610, 1.3150

Conversions

Conversions Part 2

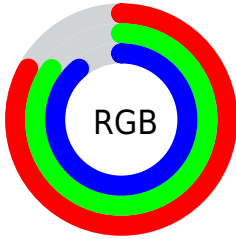
Format	Color
R _Y B	211, 216, 227
Decimal	13884131
CIE Lab	86.77, -0.63, -5.24
CIE LCh	87, 5.283, 263.107
Yxy	69.5377, 0.3019, 0.3190
Android (android.graphics.Color)	4292074211 (0xFFD3DAE3)
YUV	216.9330, 4.9630, -5.2032
Hunter-Lab	83.3893, -5.0605, -0.3838

Details

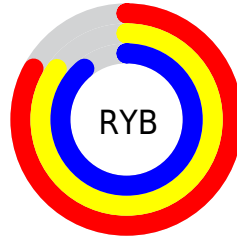
The Yxy color $69.5377, 0.3019, 0.3190$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72.2589, 0.3238, 0.3388$, and the grayscale version is $69.3146, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.2409, 0.2986, 0.3159$ is the 20% darker color. If you saturate the color by 10%, you get $60.0255, 0.2858, 0.3033$, and if you desaturate by 10%, it is $80.0438, 0.3171, 0.3330$.

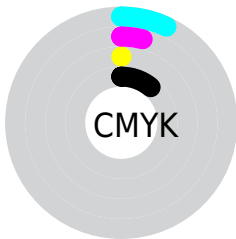
Distribution



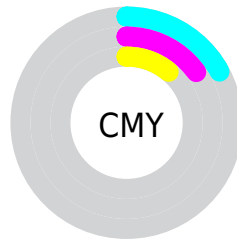
- Red (83%)
- Green (85%)
- Blue (89%)



- 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 69.5377, 0.3019, 0.3190 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 69.5377, 0.3019, 0.3190 by changing the saturation by 10% instead.

■ 69.5377, 0.3019,
0.3190

■ 69.5377, 0.3019,
0.3190

458.9251, 0.3069,
0.3237

■ 51.1497, 0.3007,
0.3179

118.5492, 0.3037,
0.3206

■ 36.3278, 0.2993,
0.3166

149.9416, 0.3043,
0.3213

■ 24.6875, 0.2975,
0.3149

186.4376, 0.3049,
0.3218

■ 15.8444, 0.2951,
0.3126

228.4215, 0.3054,
0.3223

■ 9.4141, 0.2917,
0.3095

276.2779, 0.3059,
0.3227

■ 5.0122, 0.2869,
0.3050

330.3910, 0.3063,

■ 2.2544, 0.2792,

0.3231

0.2977

391.1453, 0.3066,
0.3234

0.7494, 0.2634,
0.2833

0.0000, 0.0000,
0.0000

69.5377, 0.3019,
0.3190

69.5377, 0.3019,
0.3190

60.0255, 0.2858,
0.3033

80.0438, 0.3171,
0.3330

51.4670, 0.2692,
0.2860

91.2903, 0.3304,
0.3453

43.8322, 0.2522,
0.2669

98.3271, 0.3291,
0.3562

37.0857, 0.2353,
0.2465

■ 31.1898, 0.2191,
0.2249

■ 26.1032, 0.2042,
0.2028

■ 21.7807, 0.1912,
0.1808

■ 18.1708, 0.1806,
0.1596

■ 15.2101, 0.1728,
0.1400

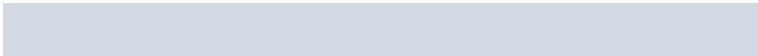
Harmonies

Analogous

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



69.5377, 0.3002, 0.3227



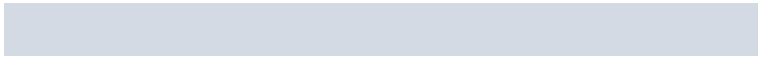
69.5377, 0.3019, 0.3190



69.5377, 0.3065, 0.3180

Triad

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



69.5377, 0.3019, 0.3190



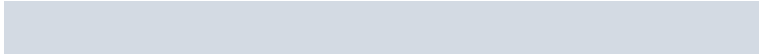
69.5377, 0.3238, 0.3297



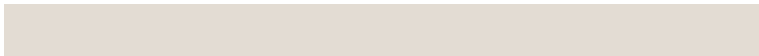
69.5377, 0.3125, 0.3384

Complementary

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



69.5377, 0.3019, 0.3190



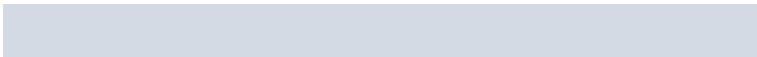
72.2589, 0.3238, 0.3388

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.



69.5377, 0.3189, 0.3403



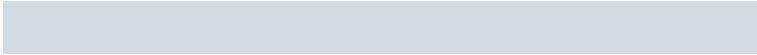
69.5377, 0.3019, 0.3190



69.5377, 0.3254, 0.3351

Square

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



69.5377, 0.3019, 0.3190



69.5377, 0.3191, 0.3241



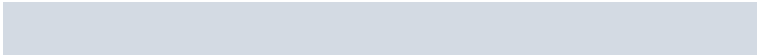
69.5377, 0.3236, 0.3390



69.5377, 0.3063, 0.3340

Rectangle

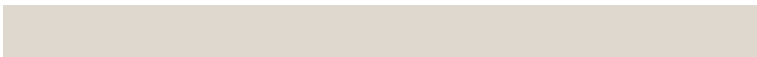
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.5377, 0.3019, 0.3190



69.5377, 0.3106, 0.3189



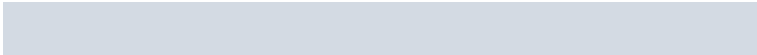
69.5377, 0.3236, 0.3390



69.5377, 0.3147, 0.3394

Sweetspot

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



69.5406, 0.3019, 0.3190



97.2214, 0.3097, 0.3262



73.9609, 0.3063, 0.3369



20.8386, 0.3098, 0.3264



0.0000, 0.0000, 0.0000



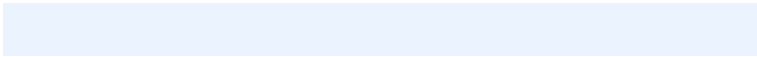
21.4041, 0.3127, 0.3290

Same Dimension

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



69.5406, 0.3019, 0.3190



89.2017, 0.3003, 0.3175



66.1276, 0.3025, 0.3112



14.9138, 0.2981, 0.3154



8.6381, 0.1715, 0.1373



0.8203, 0.1794, 0.1657

Inverse Universe

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



68.0031, 0.3198, 0.3215



86.9478, 0.3209, 0.3204



75.8574, 0.3225, 0.3462



14.4716, 0.3224, 0.3188



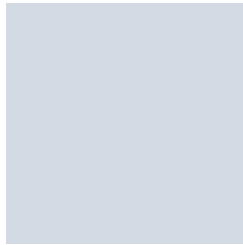
10.0697, 0.5227, 0.2653



0.7625, 0.4860, 0.2451

Previews

White Background



This preview shows how the Yxy color 69.5377, 0.3019, 0.3190 looks on a white background.

Color Contrast Check

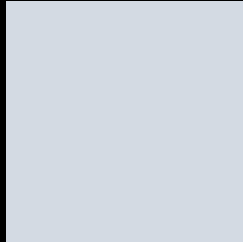
Large Text (above 18pt) WCAG AA × Fail

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 69.5377, 0.3019, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

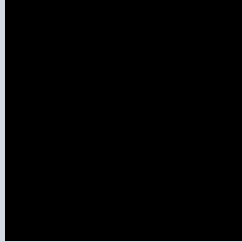
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

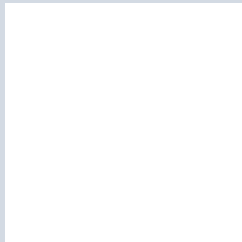
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.5377, 0.3019, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 69.5377, 0.3019, 0.3190.

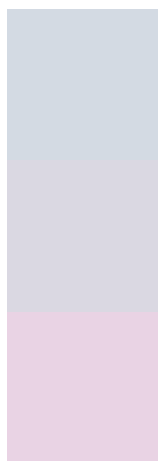


This preview shows how white text looks on a background with the Yxy color 69.5377, 0.3019, 0.3190.

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

69.5377, 0.3019, 0.3190

Protanopia

69.5081, 0.3075, 0.3181

Deuteranopia

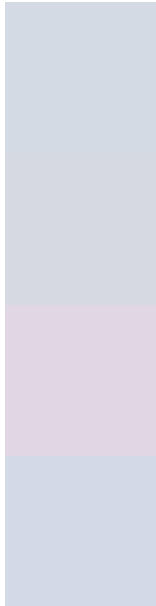
69.5136, 0.3172, 0.3110



Tritanopia

69.5633, 0.2981, 0.3104

Trichromacy



Original Color

69.5377, 0.3019, 0.3190

Protanomaly

69.5638, 0.3053, 0.3191

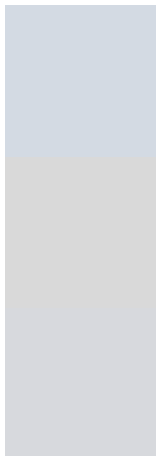
Deuteranomaly

69.7021, 0.3112, 0.3140

Tritanomaly

69.3923, 0.3000, 0.3136

Monochromacy



Original Color

69.5377, 0.3019, 0.3190

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 69.5377, 0.3019, 0.3190 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(211, 218, 227)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 218, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 218, 227) }
```

Border

The CSS property to change the border of an element to Yxy 69.5377, 0.3019, 0.3190 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(211, 218, 227) }
```

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

```
.border{ border-color:rgb(211, 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(211, 218, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 218, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 218, 227); box-shadow:4px 4px 4px 4px rgb(211, 218, 227) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5377, 0.3019, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 218, 227) }
```

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

```
.background{ background-color: rgb(211,  
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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