

Converting Colors

Yxy(69.1026, 0.3054, 0.3270)

Have a look what the booklet for
Yxy(69.1026, 0.3054, 0.3270)
contains.

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Color

Yxy(69.0118, 0.3057, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	D2DADC
RGB	210, 218, 220
RGB Percent	82%, 85%, 86%
CMY	0.1764, 0.1451, 0.1371
CMYK	0.05, 0.01, 0.00, 0.14
HSL	192°, 13%, 84%
HSV	192°, 5%, 86%
XYZ	64.5758, 69.0118, 77.6515
YIQ	215.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

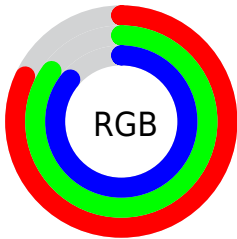
Format	Color
R _Y B	210, 214, 220
Decimal	13818588
CIE Lab	86.51, -2.30, -1.95
CIE LCh	87, 3.011, 220.264
Yxy	69.0118, 0.3057, 0.3267
Android (android.graphics.Color)	4292008668 (0xFFD2DADC)
YUV	215.8360, 2.0529, -5.1182
Hunter-Lab	83.0733, -6.6241, 2.7310

Details

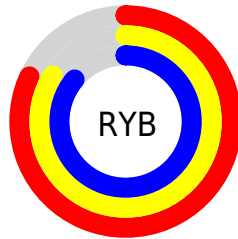
The Yxy color **69.0118, 0.3057, 0.3267** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9930, 0.3201, 0.3313**, and the grayscale version is **68.5453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9789, 0.3045, 0.3260** is the 20% darker color. If you saturate the color by 10%, you get **63.7102, 0.2904, 0.3213**, and if you desaturate by 10%, it is **74.8262, 0.3211, 0.3316**.

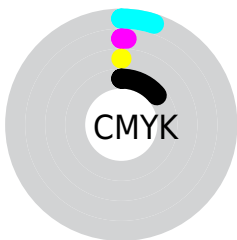
Distribution



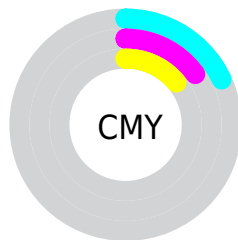
- Red (82%)
- Green (85%)
- Blue (86%)



- Red (82%)
- Yellow (84%)
- Blue (86%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0118, 0.3057, 0.3267 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 69.0118, 0.3057, 0.3267 by changing the saturation by 10% instead.

■ 69.0118, 0.3057,
0.3267

■ 69.0118, 0.3057,
0.3267

457.0726, 0.3090,
0.3278

■ 50.7213, 0.3049,
0.3264

117.7984, 0.3068,
0.3271

■ 35.9869, 0.3040,
0.3261

149.0634, 0.3073,
0.3272

■ 24.4241, 0.3028,
0.3257

185.4219, 0.3077,
0.3274

■ 15.6485, 0.3012,
0.3252

227.2585, 0.3080,
0.3275

■ 9.2758, 0.2991,
0.3244

274.9574, 0.3083,
0.3276

■ 4.9215, 0.2959,
0.3233

328.9032, 0.3085,

■ 2.2013, 0.2908,

0.3277

0.3215

389.4801, 0.3088,
0.3277

0.7207, 0.2770,
0.3174

0.0000, 0.0000,
0.0000

69.0118, 0.3057,
0.3267

69.0118, 0.3057,
0.3267

63.7102, 0.2904,
0.3213

74.8262, 0.3211,
0.3316

58.8941, 0.2756,
0.3154

81.1621, 0.3364,
0.3360

54.5467, 0.2614,
0.3090

83.8294, 0.3365,
0.3404

50.6468, 0.2484,
0.3022

86.3772, 0.3359,
0.3448

■ 47.1714, 0.2366,
0.2951

■ 88.9897, 0.3353,
0.3492

■ 44.0952, 0.2266,
0.2878

■ 91.6675, 0.3347,
0.3535

■ 41.3895, 0.2184,
0.2803

■ 94.4109, 0.3341,
0.3578

■ 39.0215, 0.2121,
0.2728

■ 97.2206, 0.3335,
0.3620

■ 36.9512, 0.2078,
0.2654

■ 97.9492, 0.3333,
0.3631

Harmonies

Analogous

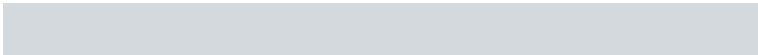
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.0118, 0.3074, 0.3300



69.0118, 0.3057, 0.3267



69.0118, 0.3059, 0.3240

Triad

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



69.0118, 0.3057, 0.3267



69.0118, 0.3149, 0.3250



69.0118, 0.3176, 0.3353

Complementary

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



69.0118, 0.3057, 0.3267



66.9930, 0.3201, 0.3313

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.



69.0118, 0.3196, 0.3340



69.0118, 0.3057, 0.3267



69.0118, 0.3181, 0.3280

Square

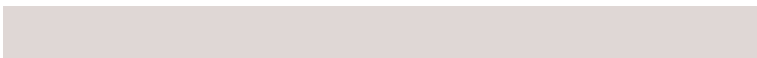
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.0118, 0.3057, 0.3267



69.0118, 0.3112, 0.3231



69.0118, 0.3198, 0.3313



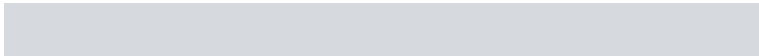
69.0118, 0.3142, 0.3350

Rectangle

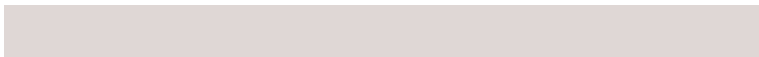
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.0118, 0.3057, 0.3267



69.0118, 0.3070, 0.3230



69.0118, 0.3198, 0.3313



69.0118, 0.3184, 0.3351

Sweetspot

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



69.0147, 0.3057, 0.3267



99.1886, 0.3112, 0.3285



69.6649, 0.3109, 0.3380



21.2390, 0.3112, 0.3285



0.0000, 0.0000, 0.0000



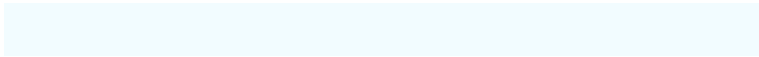
21.4041, 0.3127, 0.3290

Same Dimension

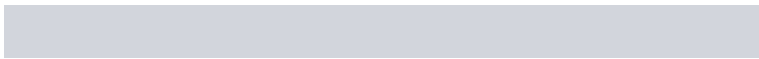
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0147, 0.3057, 0.3267



96.0155, 0.3049, 0.3265



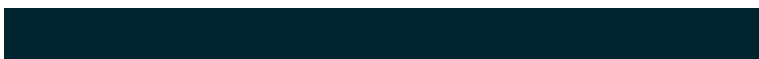
66.4752, 0.3058, 0.3211



14.7965, 0.3040, 0.3261



21.2318, 0.2063, 0.2625



1.4918, 0.2096, 0.2746

Inverse Universe

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



66.3865, 0.3146, 0.3202



91.9670, 0.3149, 0.3193



69.5176, 0.3196, 0.3368



14.0965, 0.3151, 0.3180



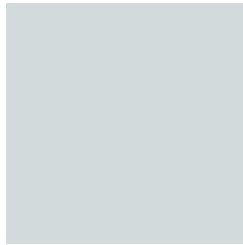
10.7671, 0.3799, 0.1867



0.7093, 0.3685, 0.1804

Previews

White Background



This preview shows how the Yxy color 69.0118, 0.3057, 0.3267 looks on a white background.

Color Contrast Check

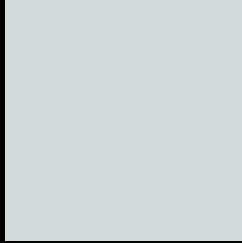
Large Text (above 18pt) WCAG AA × Fail

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 69.0118, 0.3057, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

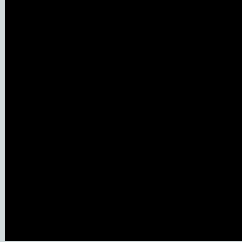
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

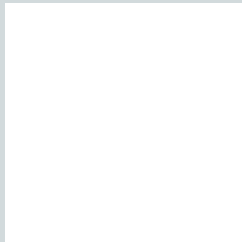
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.0118, 0.3057, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 69.0118, 0.3057, 0.3267.

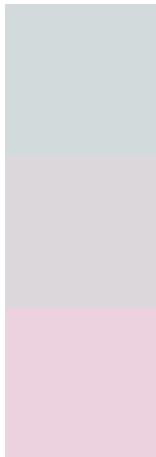


This preview shows how white text looks on a background with the Yxy color 69.0118, 0.3057, 0.3267.

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

69.0118, 0.3057, 0.3267

Protanopia

68.7229, 0.3136, 0.3257

Deuteranopia

69.0293, 0.3230, 0.3163



Tritanopia

68.9920, 0.2987, 0.3103

Trichromacy



Original Color

69.0118, 0.3057, 0.3267

Protanomaly

68.8251, 0.3107, 0.3257

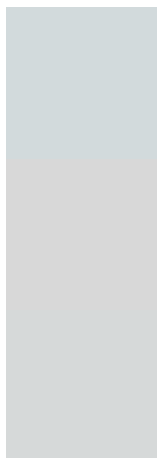
Deuteranomaly

68.9777, 0.3168, 0.3204

Tritanomaly

69.0760, 0.3012, 0.3168

Monochromacy



Original Color

69.0118, 0.3057, 0.3267

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.9316, 0.3106, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0118, 0.3057, 0.3267 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(210, 218, 220)` looks like.

```
.text, #text, p{  
    color:rgb(210, 218, 220)  
}
```

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(210, 218, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 218, 220) }
```

Border

The CSS property to change the border of an element to Yxy 69.0118, 0.3057, 0.3267 is called "border". The border property can be set on classes, ids or directly on the HTML element.

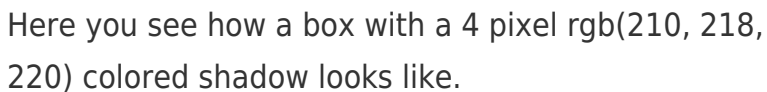
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 218, 220) }
```

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

```
.border{ border-color:rgb(210, 218, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 218, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 218, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 218, 220);  
box-shadow:4px 4px 4px 4px rgb(210, 218,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0118, 0.3057, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 218, 220) }
```

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

```
.background{ background-color: rgb(210,  
218, 220) }
```

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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