

Converting Colors

$Yxy(69.1880, 0.2993, 0.3188)$

Have a look what the booklet for
Yxy(69.1880, 0.2993, 0.3188)
contains.

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Color

Yxy(69.0988, 0.2998, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	D0DAE3
RGB	208, 218, 227
RGB Percent	82%, 85%, 89%
CMY	0.1844, 0.1450, 0.1099
CMYK	0.08, 0.04, 0.00, 0.11
HSL	208°, 25%, 85%
HSV	208°, 8%, 89%
XYZ	64.9399, 69.0988, 82.5720
YIQ	216.0360, -8.8490, 0.6790

Conversions

Conversions Part 2

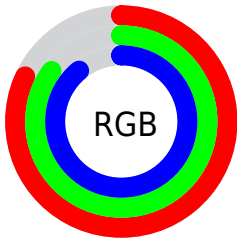
Format	Color
R _Y B	208, 215, 227
Decimal	13687523
CIE Lab	86.55, -1.66, -5.57
CIE LCh	87, 5.811, 253.416
Yxy	69.0988, 0.2998, 0.3190
Android (android.graphics.Color)	4291877603 (0xFFD0DAE3)
YUV	216.0360, 5.4053, -7.0476
Hunter-Lab	83.1257, -6.0213, -0.7071

Details

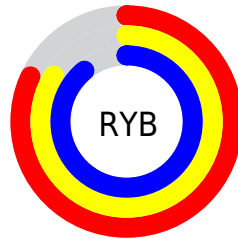
The Yxy color **69.0988, 0.2998, 0.3190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.4714, 0.3262, 0.3388**, and the grayscale version is **68.6602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.0430, 0.2968, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **60.6710, 0.2839, 0.3058**, and if you desaturate by 10%, it is **78.3617, 0.3152, 0.3308**.

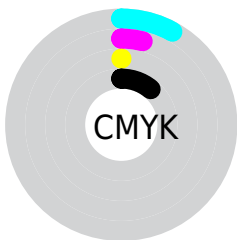
Distribution



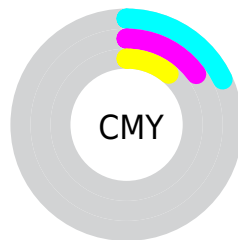
- Red (82%)
- Green (85%)
- Blue (89%)



- 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 69.0988, 0.2998, 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 69.0988, 0.2998, 0.3190 by changing the saturation by 10% instead.

■ 69.0988, 0.2998,
0.3190

■ 69.0988, 0.2998,
0.3190

457.3794, 0.3058,
0.3237

■ 50.7922, 0.2984,
0.3179

117.9227, 0.3019,
0.3206

■ 36.0432, 0.2967,
0.3166

149.2087, 0.3027,
0.3213

■ 24.4676, 0.2945,
0.3148

185.5900, 0.3034,
0.3218

■ 15.6808, 0.2916,
0.3126

227.4510, 0.3040,
0.3223

■ 9.2986, 0.2877,
0.3094

275.1760, 0.3046,
0.3227

■ 4.9365, 0.2819,
0.3048

329.1495, 0.3050,

■ 2.2100, 0.2727,

0.3231

0.2973

389.7558, 0.3054,
0.3234

0.7255, 0.2525,
0.2823

0.0000, 0.0000,
0.0000

69.0988, 0.2998,
0.3190

69.0988, 0.2998,
0.3190

60.6710, 0.2839,
0.3058

78.3617, 0.3152,
0.3308

53.0429, 0.2677,
0.2912

88.4761, 0.3298,
0.3413

46.1892, 0.2516,
0.2754

95.2528, 0.3297,
0.3516

40.0798, 0.2359,
0.2583

98.3249, 0.3292,
0.3562

■ 34.6820, 0.2211,
0.2404

■ 29.9603, 0.2078,
0.2220

■ 25.8750, 0.1963,
0.2034

■ 22.3803, 0.1872,
0.1853

■ 19.4131, 0.1803,
0.1680

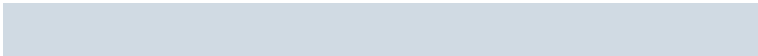
Harmonies

Analogous

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



69.0988, 0.2991, 0.3239



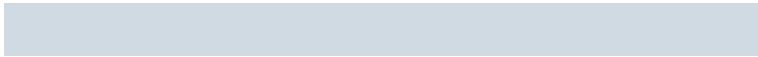
69.0988, 0.2998, 0.3190



69.0988, 0.3039, 0.3169

Triad

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



69.0988, 0.2998, 0.3190



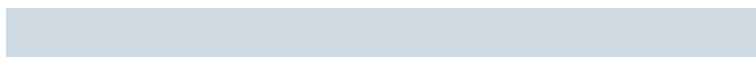
69.0988, 0.3236, 0.3277



69.0988, 0.3149, 0.3404

Complementary

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



69.0988, 0.2998, 0.3190



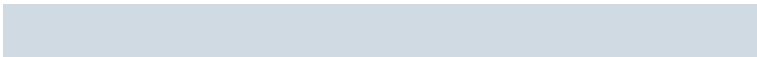
70.4714, 0.3262, 0.3388

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.



69.0988, 0.3215, 0.3414



69.0988, 0.2998, 0.3190



69.0988, 0.3266, 0.3339

Square

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



69.0988, 0.2998, 0.3190



69.0988, 0.3177, 0.3219



69.0988, 0.3258, 0.3389



69.0988, 0.3077, 0.3363

Rectangle

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



69.0988, 0.2998, 0.3190



69.0988, 0.3081, 0.3172



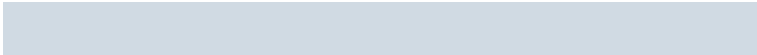
69.0988, 0.3258, 0.3389



69.0988, 0.3172, 0.3411

Sweetspot

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



69.1017, 0.2998, 0.3190



96.2980, 0.3081, 0.3255



73.3341, 0.3061, 0.3403



20.4036, 0.3069, 0.3246



0.0000, 0.0000, 0.0000



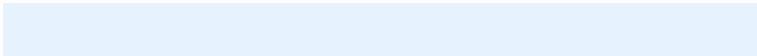
21.4041, 0.3127, 0.3290

Same Dimension

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



69.1017, 0.2998, 0.3190



88.0475, 0.2971, 0.3169



64.3570, 0.2998, 0.3084



15.1418, 0.2981, 0.3176



11.2997, 0.1800, 0.1678



1.0207, 0.1870, 0.1931

Inverse Universe

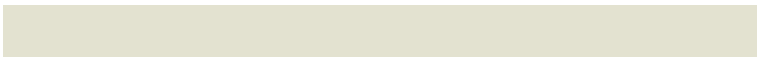
The Inverse Universe completely reimagines the original color for something new.



66.4874, 0.3200, 0.3181



84.0454, 0.3216, 0.3158



75.4613, 0.3252, 0.3488



14.4947, 0.3210, 0.3166



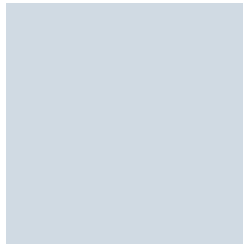
10.3384, 0.4834, 0.2436



0.7827, 0.4532, 0.2270

Previews

White Background



This preview shows how the Yxy color 69.0988, 0.2998, 0.3190 looks on a white background.

Color Contrast Check

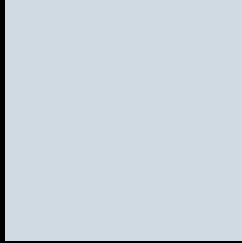
Large Text (above 18pt) WCAG AA × Fail

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 69.0988, 0.2998, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

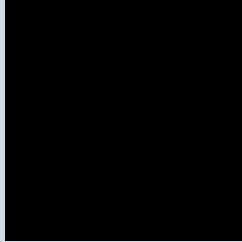
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

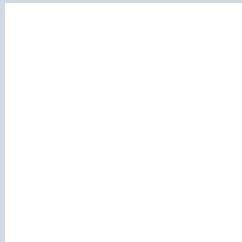
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.0988, 0.2998, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 69.0988, 0.2998, 0.3190.



This preview shows how white text looks on a background with the Yxy color 69.0988, 0.2998, 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

69.0988, 0.2998, 0.3190

Protanopia

68.9425, 0.3082, 0.3180

Deuteranopia

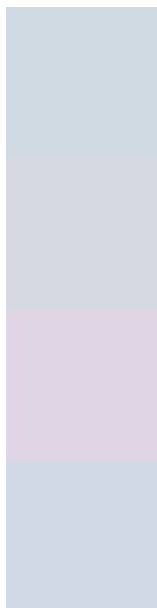
68.9061, 0.3159, 0.3089



Tritanopia

69.1215, 0.2961, 0.3103

Trichromacy



Original Color

69.0988, 0.2998, 0.3190

Protanomaly

68.8989, 0.3047, 0.3180

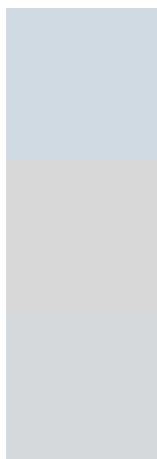
Deuteranomaly

68.8779, 0.3098, 0.3128

Tritanomaly

68.9505, 0.2980, 0.3135

Monochromacy



Original Color

69.0988, 0.2998, 0.3190

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 69.0988, 0.2998, 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(208, 218, 227)` looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 218, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 218, 227) }
```

Border

The CSS property to change the border of an element to Yxy 69.0988, 0.2998, 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(208, 218, 227) }
```

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

```
.border{ border-color:rgb(208, 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(208, 218, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 218, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 218, 227);  
box-shadow:4px 4px 4px 4px rgb(208, 218,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0988, 0.2998, 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(208, 218, 227) }
```

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

```
.background{ background-color: rgb(208,  
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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