

Converting Colors

Yxy(69.9285, 0.2949, 0.3212)

Have a look what the booklet for
Yxy(69.9285, 0.2949, 0.3212)
contains.

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Color

Yxy(69.8709, 0.2951, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	CADDE4
RGB	202, 221, 228
RGB Percent	79%, 87%, 89%
CMY	0.2080, 0.1333, 0.1058
CMYK	0.11, 0.03, 0.00, 0.11
HSL	196°, 33%, 84%
HSV	196°, 11%, 89%
XYZ	64.2133, 69.8709, 83.5143
YIQ	216.1170, -13.5710, -1.8510

Conversions

Conversions Part 2

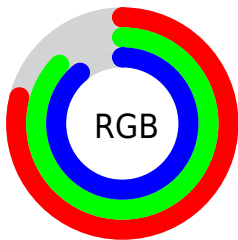
Format	Color
R _Y B	202, 213, 228
Decimal	13295076
CIE Lab	86.93, -4.95, -5.60
CIE LCh	87, 7.475, 228.561
Yxy	69.8709, 0.2951, 0.3211
Android (android.graphics.Color)	4291485156 (0xFFCADDE4)
YUV	216.1170, 5.8583, -12.3806
Hunter-Lab	83.5888, -9.1559, -0.7250

Details

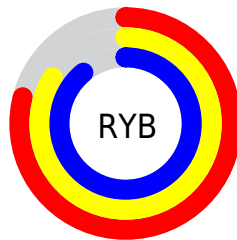
The Yxy color **69.8709, 0.2951, 0.3211** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3524, 0.3322, 0.3368**, and the grayscale version is **68.7189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5855, 0.2908, 0.3186** is the 20% darker color. If you saturate the color by 10%, you get **63.7436, 0.2798, 0.3134**, and if you desaturate by 10%, it is **76.5924, 0.3105, 0.3281**.

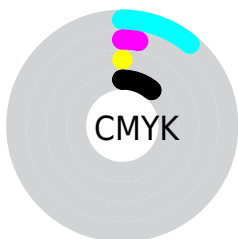
Distribution



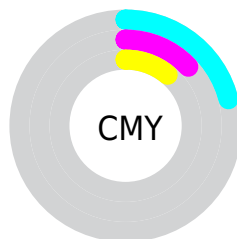
- Red (79%)
- Green (87%)
- Blue (89%)



- Red (79%)
- Yellow (84%)
- Blue (89%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.8709, 0.2951, 0.3211 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 69.8709, 0.2951, 0.3211 by changing the saturation by 10% instead.

■ 69.8709, 0.2951,
0.3211

■ 69.8709, 0.2951,
0.3211

460.0966, 0.3033,
0.3248

■ 51.4213, 0.2932,
0.3202

119.0246, 0.2979,
0.3224

■ 36.5440, 0.2909,
0.3191

150.4975, 0.2990,
0.3229

■ 24.8546, 0.2880,
0.3177

187.0804, 0.3000,
0.3234

■ 15.9688, 0.2841,
0.3159

229.1574, 0.3008,
0.3237

■ 9.5021, 0.2788,
0.3133

277.1132, 0.3015,
0.3241

■ 5.0701, 0.2712,
0.3094

331.3321, 0.3022,

■ 2.2884, 0.2591,

0.3244

0.3032

392.1984, 0.3028,
0.3246

0.7676, 0.2316,
0.2920

0.0000, 0.0000,
0.0000

69.8709, 0.2951,
0.3211

69.8709, 0.2951,
0.3211

63.7436, 0.2798,
0.3134

76.5924, 0.3105,
0.3281

58.1800, 0.2650,
0.3051

83.9198, 0.3258,
0.3343

53.1597, 0.2509,
0.2962

88.8411, 0.3303,
0.3403

48.6574, 0.2379,
0.2867

92.5037, 0.3296,
0.3462

■ 44.6456, 0.2264,
0.2768

■ 96.2895, 0.3289,
0.3521

■ 41.0936, 0.2167,
0.2667

■ 98.3826, 0.3285,
0.3552

■ 37.9663, 0.2089,
0.2566

■ 35.2220, 0.2031,
0.2464

■ 33.1153, 0.1994,
0.2379

Harmonies

Analogous

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



69.8709, 0.2980, 0.3291



69.8709, 0.2951, 0.3211



69.8709, 0.2968, 0.3154

Triad

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



69.8709, 0.2951, 0.3211



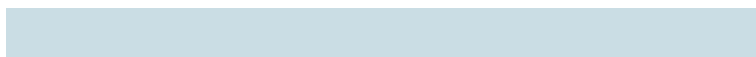
69.8709, 0.3205, 0.3211



69.8709, 0.3226, 0.3450

Complementary

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



69.8709, 0.2951, 0.3211



66.3524, 0.3322, 0.3368

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.



69.8709, 0.3288, 0.3425



69.8709, 0.2951, 0.3211



69.8709, 0.3276, 0.3287

Square

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



69.8709, 0.2951, 0.3211



69.8709, 0.3114, 0.3155



69.8709, 0.3307, 0.3365



69.8709, 0.3138, 0.3430

Rectangle

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



69.8709, 0.2951, 0.3211



69.8709, 0.3004, 0.3136



69.8709, 0.3307, 0.3365



69.8709, 0.3251, 0.3446

Sweetspot

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



69.8738, 0.2951, 0.3211



97.2714, 0.3081, 0.3270



72.6500, 0.3070, 0.3506



20.6666, 0.3068, 0.3265



0.0000, 0.0000, 0.0000



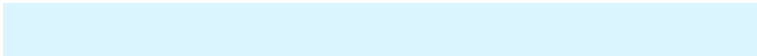
21.4041, 0.3127, 0.3290

Same Dimension

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



69.8738, 0.2951, 0.3211



87.8695, 0.2910, 0.3191



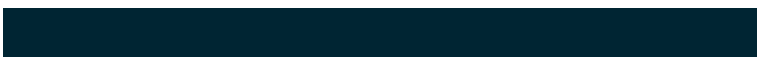
63.2916, 0.2948, 0.3063



15.6458, 0.2981, 0.3225



19.3238, 0.1998, 0.2394



1.5794, 0.2039, 0.2540

Inverse Universe

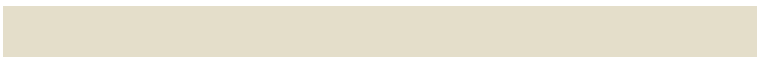
The Inverse Universe completely reimagines the original color for something new.



63.9465, 0.3191, 0.3083



78.6963, 0.3207, 0.3034



72.9722, 0.3305, 0.3507



14.5455, 0.3179, 0.3120



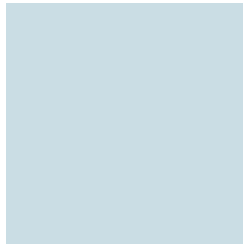
11.1485, 0.4029, 0.1993



0.8391, 0.3882, 0.1912

Previews

White Background



This preview shows how the Yxy color 69.8709, 0.2951, 0.3211 looks on a white background.

Color Contrast Check

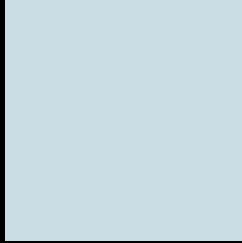
Large Text (above 18pt) WCAG AA × Fail

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 69.8709, 0.2951, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

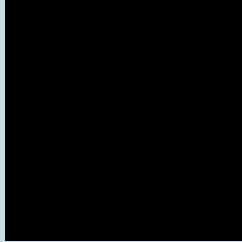
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

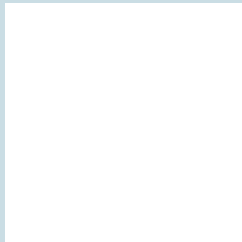
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.8709, 0.2951, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 69.8709, 0.2951, 0.3211.



This preview shows how white text looks on a background with the Yxy color 69.8709, 0.2951, 0.3211.

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

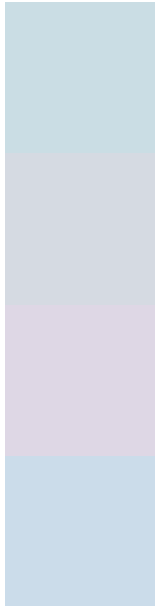




Tritanopia

70.1382, 0.2909, 0.3102

Trichromacy



Original Color

69.8709, 0.2951, 0.3211

Protanomaly

69.7799, 0.3039, 0.3202

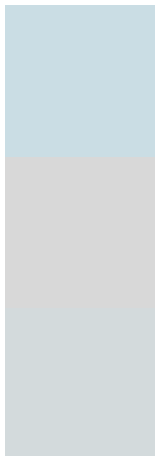
Deuteranomaly

69.7876, 0.3084, 0.3139

Tritanomaly

69.8234, 0.2921, 0.3134

Monochromacy



Original Color

69.8709, 0.2951, 0.3211

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.1590, 0.3064, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8709, 0.2951, 0.3211 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(202, 221, 228)` looks like.

```
.text, #text, p{  
    color:rgb(202, 221, 228)  
}
```

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(202, 221, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 221, 228) }
```

Border

The CSS property to change the border of an element to Yxy 69.8709, 0.2951, 0.3211 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(202, 221, 228) }
```

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

```
.border{ border-color:rgb(202, 221, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 221, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 221, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 221, 228);  
box-shadow:4px 4px 4px 4px rgb(202, 221,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8709, 0.2951, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 221, 228) }
```

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

```
.background{ background-color: rgb(202,  
221, 228) }
```

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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