

Converting Colors

Yxy(69.1409, 0.2902, 0.3113)

Have a look what the booklet for
Yxy(69.1409, 0.2902, 0.3113)
contains.

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Color

Yxy(69.0787, 0.2901, 0.3111)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C9DBEB |
| RGB | 201, 219, 235 |
| RGB Percent | 79%, 86%, 92% |
| CMY | 0.2118, 0.1412, 0.0783 |
| CMYK | 0.14, 0.07, 0.00, 0.08 |
| HSL | 208°, 46%, 85% |
| HSV | 208°, 14%, 92% |
| XYZ | 64.4157, 69.0787, 88.5522 |
| YIQ | 215.4420, -15.8640, 1.1600 |

Conversions

Conversions Part 2

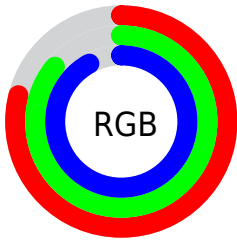
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 201, 213, 235 |
| Decimal | 13229035 |
| CIE Lab | 86.54, -2.80, -9.89 |
| CIE LCh | 87, 10.277, 254.168 |
| Yxy | 69.0787, 0.2901, 0.3111 |
| Android (android.graphics.Color) | 4291419115 (0xFFC9DBEB) |
| YUV | 215.4420, 9.6421, -12.6656 |
| Hunter-Lab | 83.1136, -7.1055, -4.9902 |

Details

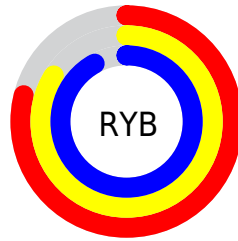
The Yxy color **69.0787, 0.2901, 0.3111** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.5170, 0.3371, 0.3463**, and the grayscale version is **68.2136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.0086, 0.2851, 0.3070** is the 20% darker color. If you saturate the color by 10%, you get **60.4868, 0.2740, 0.2971**, and if you desaturate by 10%, it is **78.5584, 0.3059, 0.3238**.

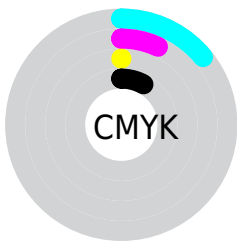
Distribution



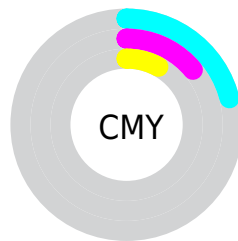
- Red (79%)
- Green (86%)
- Blue (92%)



- Red (79%)
- Yellow (84%)
- Blue (92%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (21%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0787, 0.2901, 0.3111 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 69.0787, 0.2901, 0.3111 by changing the saturation by 10% instead.

■ 69.0787, 0.2901,
0.3111

■ 69.0787, 0.2901,
0.3111

457.3085, 0.3006,
0.3195

■ 50.7758, 0.2877,
0.3092

117.8940, 0.2938,
0.3140

■ 36.0302, 0.2847,
0.3067

149.1751, 0.2952,
0.3152

■ 24.4575, 0.2809,
0.3037

185.5512, 0.2964,
0.3161

■ 15.6734, 0.2760,
0.2996

227.4065, 0.2975,
0.3170

■ 9.2933, 0.2692,
0.2940

275.1255, 0.2984,
0.3177

■ 4.9330, 0.2594,
0.2858

329.0926, 0.2992,

■ 2.2080, 0.2440,

0.3184

0.2727

389.6921, 0.2999,
0.3190

0.7244, 0.2122,
0.2479

0.0000, 0.0000,
0.0000

69.0787, 0.2901,
0.3111

69.0787, 0.2901,
0.3111

60.4868, 0.2740,
0.2971

78.5584, 0.3059,
0.3238

52.7442, 0.2577,
0.2817

88.9457, 0.3210,
0.3351

45.8218, 0.2418,
0.2651

97.0047, 0.3246,
0.3456

39.6853, 0.2266,
0.2474

98.7795, 0.3244,
0.3483

■ 34.2973, 0.2126,
0.2291

■ 29.6164, 0.2004,
0.2106

■ 25.5959, 0.1904,
0.1922

■ 22.1798, 0.1827,
0.1746

■ 20.5093, 0.1792,
0.1652

Harmonies

Analogous

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



69.0787, 0.2887, 0.3195



69.0787, 0.2901, 0.3111



69.0787, 0.2974, 0.3077

Triad

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



69.0787, 0.2901, 0.3111



69.0787, 0.3322, 0.3269



69.0787, 0.3161, 0.3493

Complementary

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



69.0787, 0.2901, 0.3111



71.5170, 0.3371, 0.3463

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.



69.0787, 0.3279, 0.3510



69.0787, 0.2901, 0.3111



69.0787, 0.3374, 0.3378

Square

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



69.0787, 0.2901, 0.3111



69.0787, 0.3217, 0.3167



69.0787, 0.3358, 0.3466



69.0787, 0.3035, 0.3418

Rectangle

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



69.0787, 0.2901, 0.3111



69.0787, 0.3048, 0.3085



69.0787, 0.3358, 0.3466



69.0787, 0.3203, 0.3505

Sweetspot

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



69.0816, 0.2901, 0.3111



95.0908, 0.3066, 0.3243



76.8503, 0.3013, 0.3492



20.1600, 0.3054, 0.3234



0.0000, 0.0000, 0.0000



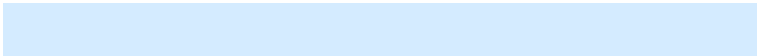
21.4041, 0.3127, 0.3290

Same Dimension

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



69.0816, 0.2901, 0.3111



80.3479, 0.2859, 0.3076



60.7191, 0.2894, 0.2918



15.8686, 0.2981, 0.3176



11.6699, 0.1800, 0.1679



1.1088, 0.1866, 0.1919

Inverse Universe

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



64.5525, 0.3260, 0.3098



74.1467, 0.3288, 0.3062



80.6654, 0.3346, 0.3637



15.1873, 0.3210, 0.3166



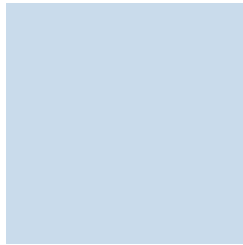
10.6709, 0.4833, 0.2436



0.8573, 0.4546, 0.2278

Previews

White Background



This preview shows how the Yxy color 69.0787, 0.2901, 0.3111 looks on a white background.

Color Contrast Check

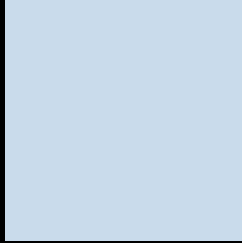
Large Text (above 18pt) WCAG AA × Fail

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 69.0787, 0.2901, 0.3111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

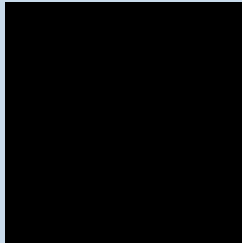
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

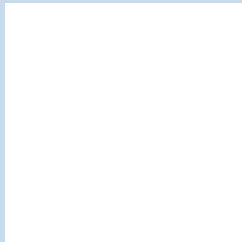
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.0787, 0.2901, 0.3111

Background



This preview shows how black text looks on a background with the Yxy color 69.0787, 0.2901, 0.3111.



This preview shows how white text looks on a background with the Yxy color 69.0787, 0.2901, 0.3111.

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

69.0787, 0.2901, 0.3111

Protanopia

68.9311, 0.3008, 0.3093

Deuteranopia

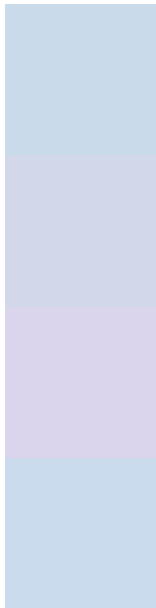
68.7016, 0.3075, 0.3004



Tritanopia

69.1367, 0.2895, 0.3100

Trichromacy



Original Color

69.0787, 0.2901, 0.3111

Protanomaly

68.7539, 0.2967, 0.3092

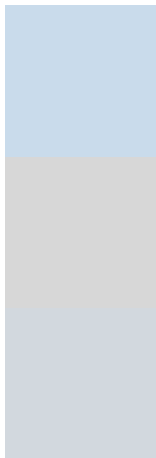
Deuteranomaly

68.5501, 0.3010, 0.3041

Tritanomaly

69.1367, 0.2895, 0.3100

Monochromacy



Original Color

69.0787, 0.2901, 0.3111

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.0873, 0.3044, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0787, 0.2901, 0.3111 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(201, 219, 235)` looks like.

```
.text, #text, p{  
    color:rgb(201, 219, 235)  
}
```

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(201, 219, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 219, 235) }
```

Border

The CSS property to change the border of an element to Yxy 69.0787, 0.2901, 0.3111 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(201, 219, 235) }
```

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

```
.border{ border-color:rgb(201, 219, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 219, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 219, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 219, 235);  
box-shadow:4px 4px 4px 4px rgb(201, 219,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0787, 0.2901, 0.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 219, 235) }
```

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

```
.background{ background-color: rgb(201,  
219, 235) }
```

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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