

Converting Colors

$Yxy(68.8669, 0.2878, 0.2930)$

Have a look what the booklet for
Yxy(68.8669, 0.2878, 0.2930)
contains.

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Color

Yxy(69.0798, 0.2880, 0.2934)

Conversions

Conversions Part 1

Format	Color
Hex	D2D7F8
RGB	210, 215, 248
RGB Percent	82%, 84%, 97%
CMY	0.1767, 0.1568, 0.0275
CMYK	0.15, 0.13, 0.00, 0.03
HSL	232°, 73%, 90%
HSV	232°, 15%, 97%
XYZ	67.8084, 69.0798, 98.5576
YIQ	217.2670, -13.5730, 9.2030

Conversions

Conversions Part 2

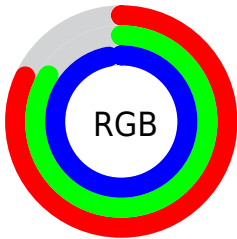
Format	Color
R _Y B	210, 214, 248
Decimal	13817848
CIE Lab	86.54, 4.77, -16.67
CIE LCh	87, 17.338, 285.980
Yxy	69.0798, 0.2880, 0.2934
Android (android.graphics.Color)	4292007928 (0xFFD2D7F8)
YUV	217.2670, 15.1514, -6.3732
Hunter-Lab	83.1143, 0.1785, -12.1266

Details

The Yxy color **69.0798, 0.2880, 0.2934** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.6534, 0.3365, 0.3623**, and the grayscale version is **69.4778, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9159, 0.2816, 0.2840** is the 20% darker color. If you saturate the color by 10%, you get **55.4855, 0.2698, 0.2665**, and if you desaturate by 10%, it is **84.6811, 0.3046, 0.3174**.

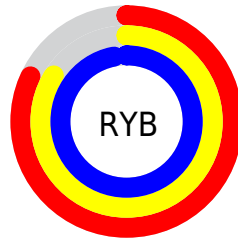
Distribution



Red (82%)

Green (84%)

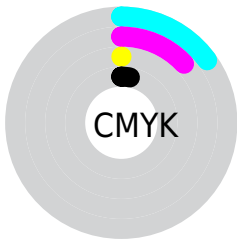
Blue (97%)



Red (82%)

Yellow (84%)

Blue (97%)

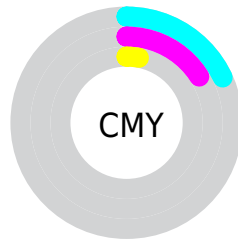


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (3%)



Cyan (18%)

Magenta (16%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0798, 0.2880, 0.2934 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 69.0798, 0.2880, 0.2934 by changing the saturation by 10% instead.

■ 69.0798, 0.2880,
0.2934

■ 69.0798, 0.2880,
0.2934

457.3124, 0.2995,
0.3098

■ 50.7767, 0.2853,
0.2897

117.8955, 0.2920,
0.2991

■ 36.0309, 0.2821,
0.2851

149.1770, 0.2936,
0.3013

■ 24.4581, 0.2779,
0.2794

185.5533, 0.2949,
0.3032

■ 15.6738, 0.2724,
0.2719

227.4090, 0.2961,
0.3048

■ 9.2936, 0.2649,
0.2618

275.1283, 0.2971,
0.3063

■ 4.9332, 0.2542,
0.2476

329.0957, 0.2980,

■ 2.2081, 0.2374,

0.3076

0.2259

389.6956, 0.2988,
0.3087

0.7244, 0.2085,
0.1876

0.0000, 0.0000,
0.0000

69.0798, 0.2880,
0.2934

69.0798, 0.2880,
0.2934

55.4855, 0.2698,
0.2665

84.6811, 0.3046,
0.3174

43.8083, 0.2502,
0.2369

99.5567, 0.3168,
0.3357

33.9638, 0.2299,
0.2054

25.8582, 0.2098,
0.1732

■ 19.3892, 0.1910,
0.1419

■ 14.4435, 0.1748,
0.1137

■ 10.8931, 0.1625,
0.0905

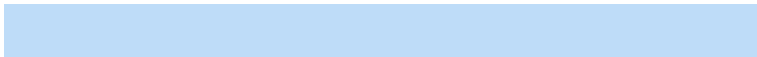
■ 8.5876, 0.1547,
0.0740

■ 7.8701, 0.1524,
0.0686

Harmonies

Analogous

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



69.0798, 0.2754, 0.2982



69.0798, 0.2880, 0.2934



69.0798, 0.3075, 0.2976

Triad

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



69.0798, 0.2880, 0.2934



69.0798, 0.3547, 0.3443



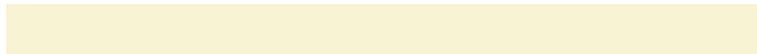
69.0798, 0.2959, 0.3498

Complementary

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



69.0798, 0.2880, 0.2934



88.6534, 0.3365, 0.3623

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.



69.0798, 0.3168, 0.3632



69.0798, 0.2880, 0.2934



69.0798, 0.3512, 0.3591

Square

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



69.0798, 0.2880, 0.2934



69.0798, 0.3465, 0.3263



69.0798, 0.3371, 0.3664



69.0798, 0.2799, 0.3304

Rectangle

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



69.0798, 0.2880, 0.2934



69.0798, 0.3220, 0.3048



69.0798, 0.3371, 0.3664



69.0798, 0.3026, 0.3552

Sweetspot

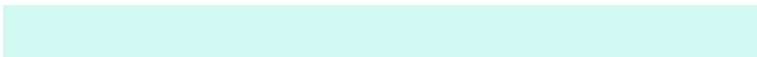
The Sweet Spot groups the original color and five complimentary colors.



69.0827, 0.2880, 0.2934



90.8139, 0.3051, 0.3181



87.2500, 0.2925, 0.3349



19.1712, 0.3040, 0.3166



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.



69.0827, 0.2880, 0.2934



69.5064, 0.2833, 0.2865



68.5718, 0.2969, 0.2889



17.0164, 0.2979, 0.3078



4.3644, 0.1528, 0.0702



0.5164, 0.1575, 0.0868

Inverse Universe

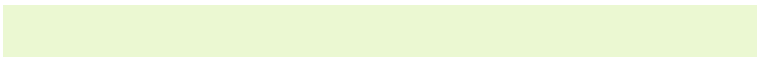
The Inverse Universe completely reimagines the original color for something new.



70.9278, 0.3379, 0.3238



71.8280, 0.3432, 0.3229



89.3858, 0.3269, 0.3682



17.2629, 0.3273, 0.3259



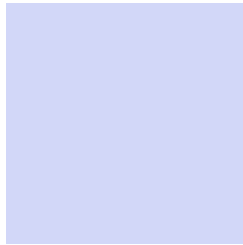
10.8515, 0.6229, 0.3205



1.0164, 0.5961, 0.3057

Previews

White Background



This preview shows how the Yxy color 69.0798, 0.2880, 0.2934 looks on a white background.

Color Contrast Check

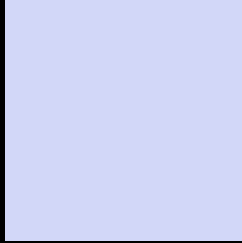
Large Text (above 18pt) WCAG AA × Fail

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 69.0798, 0.2880, 0.2934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

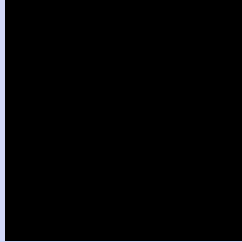
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0798, 0.2880, 0.2934

Background



This preview shows how black text looks on a background with the Yxy color 69.0798, 0.2880, 0.2934.

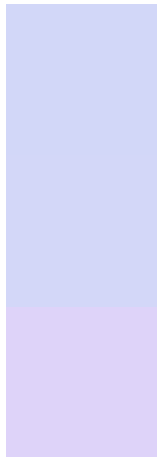


This preview shows how white text looks on a background with the Yxy color 69.0798, 0.2880, 0.2934.

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

69.0798, 0.2880, 0.2934

Protanopia

69.2271, 0.2887, 0.2934

Deuteranopia

68.9577, 0.2954, 0.2889



Tritanopia

69.0338, 0.2948, 0.3091

Trichromacy



Original Color

69.0798, 0.2880, 0.2934

Protanomaly

69.2271, 0.2887, 0.2934

Deuteranomaly

68.8319, 0.2927, 0.2897

Tritanomaly

68.9583, 0.2923, 0.3027

Monochromacy



Original Color

69.0798, 0.2880, 0.2934

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.0093, 0.3034, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0798, 0.2880, 0.2934 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, 215, 248)` looks like.

```
.text, #text, p{  
    color:rgb(210, 215, 248)  
}
```

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, 215, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 215, 248) }
```

Border

The CSS property to change the border of an element to Yxy 69.0798, 0.2880, 0.2934 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, 215, 248) }
```

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

```
.border{ border-color:rgb(210, 215, 248) }
```

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

Here you see how a box with a 4 pixel rgb(210, 215, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 215, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 215, 248);  
box-shadow:4px 4px 4px 4px rgb(210, 215,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0798, 0.2880, 0.2934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 215, 248) }
```

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

```
.background{ background-color: rgb(210,  
215, 248) }
```

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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