

Converting Colors

$Yxy(66.0485, 0.2795, 0.2888)$

Have a look what the booklet for
Yxy(66.0485, 0.2795, 0.2888)
contains.

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Color

Yxy(65.9323, 0.2794, 0.2881)

Conversions

Conversions Part 1

Format	Color
Hex	C6D4F9
RGB	198, 212, 249
RGB Percent	78%, 83%, 98%
CMY	0.2233, 0.1687, 0.0235
CMYK	0.20, 0.15, 0.00, 0.02
HSL	224°, 81%, 88%
HSV	224°, 20%, 98%
XYZ	63.9413, 65.9323, 98.9785
YIQ	212.0320, -20.2210, 8.5390

Conversions

Conversions Part 2

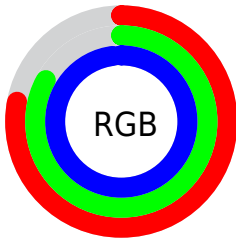
Format	Color
R _Y B	198, 209, 249
Decimal	13030649
CIE Lab	84.96, 2.93, -19.67
CIE LCh	85, 19.887, 278.474
Yxy	65.9323, 0.2794, 0.2881
Android (android.graphics.Color)	4291220729 (0xFFC6D4F9)
YUV	212.0320, 18.2252, -12.3061
Hunter-Lab	81.1987, -1.5349, -15.4335

Details

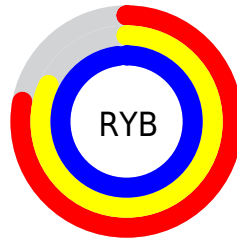
The Yxy color **65.9323, 0.2794, 0.2881** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.6741, 0.3463, 0.3668**, and the grayscale version is **65.7543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2333, 0.2714, 0.2786** is the 20% darker color. If you saturate the color by 10%, you get **54.2811, 0.2614, 0.2645**, and if you desaturate by 10%, it is **79.1583, 0.2963, 0.3093**.

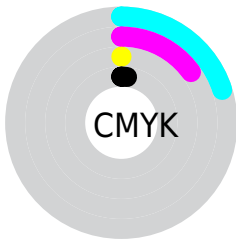
Distribution



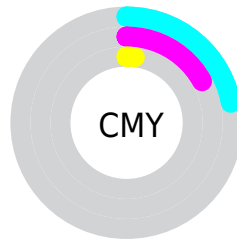
- Red (78%)
- Green (83%)
- Blue (98%)



- Red (78%)
- Yellow (82%)
- Blue (98%)



- Cyan (20%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)



- Cyan (22%)
- Magenta (17%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.9323, 0.2794, 0.2881 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 65.9323, 0.2794, 0.2881 by changing the saturation by 10% instead.

■ 65.9323, 0.2794,
0.2881

■ 65.9323, 0.2794,
0.2881

446.1347, 0.2950,
0.3071

■ 48.2174, 0.2758,
0.2838

113.3892, 0.2848,
0.2947

■ 33.9991, 0.2714,
0.2784

143.9000, 0.2869,
0.2972

■ 22.8929, 0.2657,
0.2717

179.4449, 0.2888,
0.2994

■ 14.5145, 0.2583,
0.2629

220.4083, 0.2903,
0.3014

■ 8.4793, 0.2482,
0.2509

267.1745, 0.2917,
0.3031

■ 4.4032, 0.2336,
0.2340

320.1281, 0.2929,

■ 1.9015, 0.2111,

0.3046

0.2081

379.6534, 0.2940,
0.3059

0.5493, 0.1692,
0.1565

0.0000, 0.0000,
0.0000

65.9323, 0.2794,
0.2881

65.9323, 0.2794,
0.2881

54.2811, 0.2614,
0.2645

79.1583, 0.2963,
0.3093

44.1363, 0.2427,
0.2389

94.0082, 0.3120,
0.3282

35.4360, 0.2240,
0.2117

99.6196, 0.3162,
0.3347

28.1109, 0.2059,
0.1837

■ 22.0853, 0.1895,
0.1562

■ 17.2753, 0.1758,
0.1306

■ 13.5856, 0.1653,
0.1083

■ 10.9871, 0.1586,
0.0909

Harmonies

Analogous

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



65.9323, 0.2675, 0.2961



65.9323, 0.2794, 0.2881



65.9323, 0.3004, 0.2905

Triad

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



65.9323, 0.2794, 0.2881



65.9323, 0.3606, 0.3414



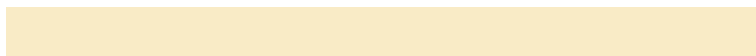
65.9323, 0.2988, 0.3582

Complementary

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



65.9323, 0.2794, 0.2881



83.6741, 0.3463, 0.3668

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.



65.9323, 0.3236, 0.3712



65.9323, 0.2794, 0.2881



65.9323, 0.3599, 0.3602

Square

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



65.9323, 0.2794, 0.2881



65.9323, 0.3478, 0.3205



65.9323, 0.3461, 0.3716



65.9323, 0.2784, 0.3365

Rectangle

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



65.9323, 0.2794, 0.2881



65.9323, 0.3171, 0.2975



65.9323, 0.3461, 0.3716



65.9323, 0.3069, 0.3638

Sweetspot

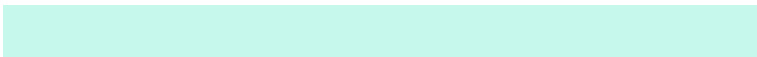
The Sweet Spot groups the original color and five complimentary colors.



65.9350, 0.2794, 0.2881



90.3250, 0.3035, 0.3180



85.7385, 0.2898, 0.3445



19.1160, 0.3025, 0.3168



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.



65.9350, 0.2794, 0.2881



63.7766, 0.2713, 0.2776



60.8219, 0.2860, 0.2734



17.4155, 0.2979, 0.3113



6.0829, 0.1593, 0.0935



0.7320, 0.1656, 0.1161

Inverse Universe

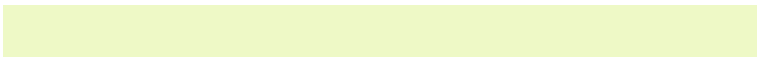
The Inverse Universe completely reimagines the original color for something new.



65.3062, 0.3428, 0.3146



63.2187, 0.3514, 0.3112



90.0026, 0.3361, 0.3814



17.3032, 0.3251, 0.3225



11.0250, 0.5857, 0.3000



1.0381, 0.5522, 0.2816

Previews

White Background



This preview shows how the Yxy color 65.9323, 0.2794, 0.2881 looks on a white background.

Color Contrast Check

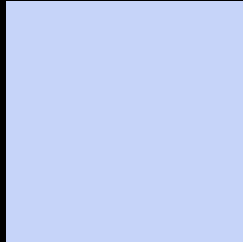
Large Text (above 18pt) WCAG AA × Fail

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 65.9323, 0.2794, 0.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

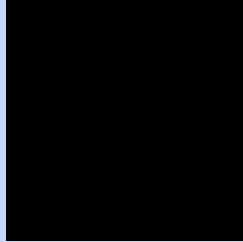
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9323, 0.2794, 0.2881

Background



This preview shows how black text looks on a background with the Yxy color 65.9323, 0.2794, 0.2881.



This preview shows how white text looks on a background with the Yxy color 65.9323, 0.2794, 0.2881.

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

65.9323, 0.2794, 0.2881

Protanopia

65.8496, 0.2844, 0.2874

Deuteranopia

65.8239, 0.2892, 0.2828



Tritanopia

66.0292, 0.2878, 0.3096

Trichromacy



Original Color

65.9323, 0.2794, 0.2881

Protanomaly

65.9224, 0.2825, 0.2883

Deuteranomaly

65.9130, 0.2852, 0.2845

Tritanomaly

66.0019, 0.2847, 0.3019

Monochromacy



Original Color

65.9323, 0.2794, 0.2881

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.7886, 0.3004, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9323, 0.2794, 0.2881 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(198, 212, 249)` looks like.

```
.text, #text, p{  
    color:rgb(198, 212, 249)  
}
```

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(198, 212, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 212, 249) }
```

Border

The CSS property to change the border of an element to Yxy 65.9323, 0.2794, 0.2881 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(198, 212, 249) }
```

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

```
.border{ border-color:rgb(198, 212, 249) }
```

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

Here you see how a box with a 4 pixel rgb(198, 212, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 212, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 212, 249);  
box-shadow:4px 4px 4px 4px rgb(198, 212,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9323, 0.2794, 0.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 212, 249) }
```

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

```
.background{ background-color: rgb(198,  
212, 249) }
```

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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