

Converting Colors

Yxy(67.2492, 0.2833, 0.2963)

Have a look what the booklet for
Yxy(67.2492, 0.2833, 0.2963)
contains.

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Color

Yxy(67.2746, 0.2832, 0.2968)

Conversions

Conversions Part 1

Format	Color
Hex	C7D7F4
RGB	199, 215, 244
RGB Percent	78%, 84%, 96%
CMY	0.2194, 0.1569, 0.0431
CMYK	0.18, 0.12, 0.00, 0.04
HSL	219°, 67%, 87%
HSV	219°, 18%, 96%
XYZ	64.1919, 67.2746, 95.1999
YIQ	213.5220, -18.8450, 5.6270

Conversions

Conversions Part 2

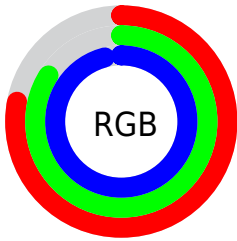
Format	Color
R _Y B	199, 211, 244
Decimal	13096948
CIE Lab	85.64, 0.57, -16.00
CIE LCh	86, 16.009, 272.037
Yxy	67.2746, 0.2832, 0.2968
Android (android.graphics.Color)	4291287028 (0xFFC7D7F4)
YUV	213.5220, 15.0257, -12.7358
Hunter-Lab	82.0211, -3.8380, -11.4017

Details

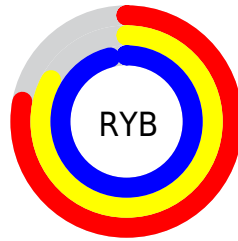
The Yxy color **67.2746, 0.2832, 0.2968** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.8824, 0.3433, 0.3592**, and the grayscale version is **66.8201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.7922, 0.2762, 0.2884** is the 20% darker color. If you saturate the color by 10%, you get **56.5650, 0.2659, 0.2764**, and if you desaturate by 10%, it is **79.2968, 0.2997, 0.3151**.

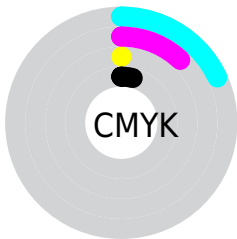
Distribution



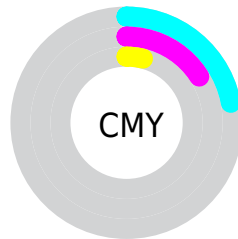
- Red (78%)
- Green (84%)
- Blue (96%)



- Red (78%)
- Yellow (83%)
- Blue (96%)



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (22%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2746, 0.2832, 0.2968 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 67.2746, 0.2832, 0.2968 by changing the saturation by 10% instead.

■ 67.2746, 0.2832,
0.2968

■ 67.2746, 0.2832,
0.2968

450.9216, 0.2970,
0.3118

■ 49.3078, 0.2800,
0.2934

115.3138, 0.2880,
0.3020

■ 34.8637, 0.2761,
0.2891

146.1550, 0.2899,
0.3040

■ 23.5579, 0.2711,
0.2837

182.0565, 0.2915,
0.3058

■ 15.0060, 0.2646,
0.2766

223.4026, 0.2928,
0.3073

■ 8.8236, 0.2557,
0.2670

270.5778, 0.2941,
0.3086

■ 4.6263, 0.2429,
0.2531

323.9664, 0.2951,

■ 2.0297, 0.2229,

0.3098

0.2316

383.9529, 0.2961,
0.3109

0.6247, 0.1844,
0.1896

0.0000, 0.0000,
0.0000

67.2746, 0.2832,
0.2968

67.2746, 0.2832,
0.2968

56.5650, 0.2659,
0.2764

79.2968, 0.2997,
0.3151

47.1125, 0.2481,
0.2542

92.6679, 0.3151,
0.3314

38.8698, 0.2303,
0.2303

99.3125, 0.3191,
0.3395

31.7829, 0.2131,
0.2054

■ 25.7933, 0.1973,
0.1802

■ 20.8362, 0.1837,
0.1558

■ 16.8383, 0.1728,
0.1332

■ 13.7053, 0.1651,
0.1134

■ 13.2759, 0.1641,
0.1105

Harmonies

Analogous

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



67.2746, 0.2754, 0.3052



67.2746, 0.2832, 0.2968



67.2746, 0.2989, 0.2969

Triad

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



67.2746, 0.2832, 0.2968



67.2746, 0.3496, 0.3356



67.2746, 0.3059, 0.3551

Complementary

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



67.2746, 0.2832, 0.2968



78.8824, 0.3433, 0.3592

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.



67.2746, 0.3258, 0.3635



67.2746, 0.2832, 0.2968



67.2746, 0.3514, 0.3514

Square

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



67.2746, 0.2832, 0.2968



67.2746, 0.3374, 0.3188



67.2746, 0.3426, 0.3618



67.2746, 0.2882, 0.3390

Rectangle

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



67.2746, 0.2832, 0.2968



67.2746, 0.3119, 0.3014



67.2746, 0.3426, 0.3618



67.2746, 0.3125, 0.3589

Sweetspot

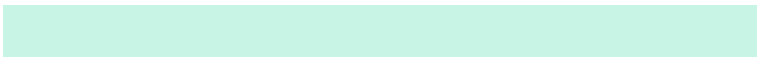
The Sweet Spot groups the original color and five complimentary colors.



67.2774, 0.2832, 0.2968



91.0743, 0.3035, 0.3193



82.4325, 0.2940, 0.3470



19.2927, 0.3024, 0.3181



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.



67.2774, 0.2832, 0.2968



69.9060, 0.2770, 0.2897



60.3830, 0.2864, 0.2791



16.8884, 0.2980, 0.3133



7.4509, 0.1649, 0.1134



0.8412, 0.1718, 0.1383

Inverse Universe

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



65.0074, 0.3363, 0.3123



67.1647, 0.3421, 0.3088



87.0153, 0.3364, 0.3756



16.5796, 0.3238, 0.3206



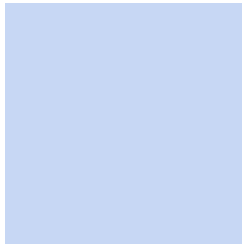
10.8515, 0.5560, 0.2837



0.9726, 0.5214, 0.2646

Previews

White Background



This preview shows how the Yxy color 67.2746, 0.2832, 0.2968 looks on a white background.

Color Contrast Check

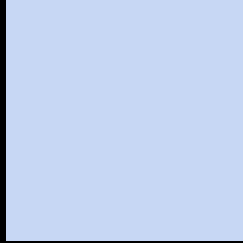
Large Text (above 18pt) WCAG AA × Fail

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 67.2746, 0.2832, 0.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

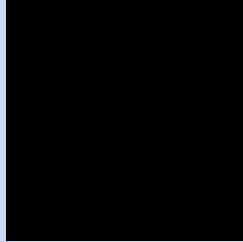
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.2746, 0.2832, 0.2968

Background



This preview shows how black text looks on a background with the Yxy color 67.2746, 0.2832, 0.2968.



This preview shows how white text looks on a background with the Yxy color 67.2746, 0.2832, 0.2968.

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

67.2746, 0.2832, 0.2968

Protanopia

67.0531, 0.2909, 0.2962

Deuteranopia

66.9200, 0.2966, 0.2895



Tritanopia

67.4365, 0.2880, 0.3098

Trichromacy



Original Color

67.2746, 0.2832, 0.2968

Protanomaly

67.0387, 0.2876, 0.2960

Deuteranomaly

67.1782, 0.2911, 0.2922

Tritanomaly

67.2905, 0.2862, 0.3043

Monochromacy



Original Color

67.2746, 0.2832, 0.2968

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.0847, 0.3018, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2746, 0.2832, 0.2968 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(199, 215, 244)` looks like.

```
.text, #text, p{  
    color:rgb(199, 215, 244)  
}
```

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(199, 215, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 215, 244) }
```

Border

The CSS property to change the border of an element to Yxy 67.2746, 0.2832, 0.2968 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(199, 215, 244) }
```

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

```
.border{ border-color:rgb(199, 215, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 215, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 215, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 215, 244);  
box-shadow:4px 4px 4px 4px rgb(199, 215,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2746, 0.2832, 0.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 215, 244) }
```

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

```
.background{ background-color: rgb(199,  
215, 244) }
```

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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