

Converting Colors

$Yxy(67.8978, 0.2743, 0.2862)$

Have a look what the booklet for
Yxy(67.8978, 0.2743, 0.2862)
contains.

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Color

Yxy(67.9338, 0.2743, 0.2862)

Conversions

Conversions Part 1

Format	Color
Hex	C3D8FF
RGB	195, 216, 255
RGB Percent	76%, 85%, 100%
CMY	0.2354, 0.1529, 0.0000
CMYK	0.24, 0.15, 0.00, 0.00
HSL	219°, 100%, 88%
HSV	219°, 24%, 100%
XYZ	65.1092, 67.9338, 104.3218
YIQ	214.1670, -25.0350, 7.6770

Conversions

Conversions Part 2

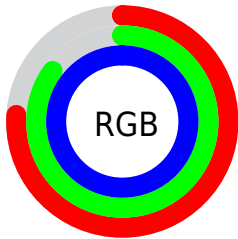
Format	Color
R _Y B	195, 211, 255
Decimal	12835071
CIE Lab	85.97, 1.22, -21.35
CIE LCh	86, 21.386, 273.276
Yxy	67.9338, 0.2743, 0.2862
Android (android.graphics.Color)	4291025151 (0xFFC3D8FF)
YUV	214.1670, 20.1307, -16.8095
Hunter-Lab	82.4220, -3.2325, -17.3482

Details

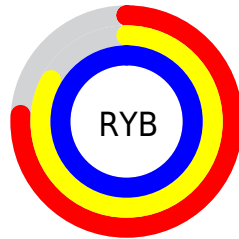
The Yxy color **67.9338, 0.2743, 0.2862** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.0184, 0.3529, 0.3683**, and the grayscale version is **67.2336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **35.1424, 0.2651, 0.2760** is the 20% darker color. If you saturate the color by 10%, you get **56.7599, 0.2566, 0.2647**, and if you desaturate by 10%, it is **80.5432, 0.2913, 0.3058**.

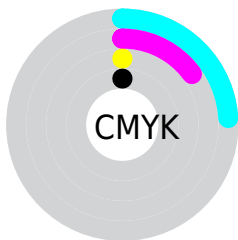
Distribution



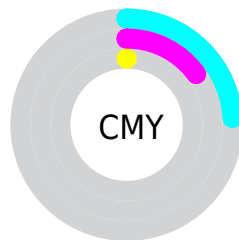
- Red (76%)
- Green (85%)
- Blue (100%)



- Red (76%)
- Yellow (83%)
- Blue (100%)



- Cyan (24%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9338, 0.2743, 0.2862 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 67.9338, 0.2743, 0.2862 by changing the saturation by 10% instead.

67.9338, 0.2743,
0.2862

67.9338, 0.2743,
0.2862

453.2614, 0.2921,
0.3060

49.8439, 0.2702,
0.2817

116.2574, 0.2805,
0.2930

35.2894, 0.2652,
0.2762

147.2599, 0.2829,
0.2957

23.8859, 0.2589,
0.2692

183.3354, 0.2850,
0.2980

15.2490, 0.2507,
0.2601

224.8683, 0.2868,
0.3000

8.9943, 0.2395,
0.2479

272.2429, 0.2883,
0.3018

4.7375, 0.2237,
0.2307

325.8437, 0.2897,

2.0941, 0.1999,

0.3033

0.2048

386.0551, 0.2910,
0.3047

0.6613, 0.1587,
0.1594

0.0000, 0.0000,
0.0000

67.9338, 0.2743,
0.2862

67.9338, 0.2743,
0.2862

56.7599, 0.2566,
0.2647

80.5432, 0.2913,
0.3058

46.9666, 0.2387,
0.2413

94.6392, 0.3073,
0.3233

38.4953, 0.2210,
0.2166

100.0000, 0.3127,
0.3290

31.2831, 0.2043,
0.1912

■ 25.2607, 0.1895,
0.1661

■ 20.3510, 0.1772,
0.1424

■ 16.4643, 0.1681,
0.1212

■ 14.4297, 0.1636,
0.1090

Harmonies

Analogous

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



67.9338, 0.2637, 0.2965



67.9338, 0.2743, 0.2862



67.9338, 0.2952, 0.2870

Triad

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



67.9338, 0.2743, 0.2862



67.9338, 0.3624, 0.3383



67.9338, 0.3023, 0.3634

Complementary

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



67.9338, 0.2743, 0.2862



84.0184, 0.3529, 0.3683

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.



67.9338, 0.3288, 0.3751



67.9338, 0.2743, 0.2862



67.9338, 0.3641, 0.3590

Square

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



67.9338, 0.2743, 0.2862



67.9338, 0.3465, 0.3162



67.9338, 0.3516, 0.3730



67.9338, 0.2794, 0.3413

Rectangle

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



67.9338, 0.2743, 0.2862



67.9338, 0.3126, 0.2932



67.9338, 0.3516, 0.3730



67.9338, 0.3111, 0.3688

Sweetspot

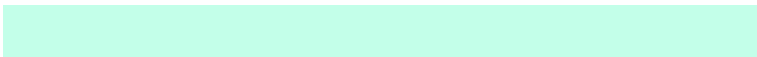
The Sweet Spot groups the original color and five complimentary colors.



67.9339, 0.2743, 0.2862



89.5956, 0.3019, 0.3175



88.9998, 0.2891, 0.3526



18.9926, 0.3009, 0.3164



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.



67.9339, 0.2743, 0.2862



62.7801, 0.2665, 0.2769



58.9264, 0.2778, 0.2633



18.4192, 0.2979, 0.3131



7.7919, 0.1645, 0.1120



0.9545, 0.1707, 0.1344

Inverse Universe

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



65.2325, 0.3449, 0.3076



59.9601, 0.3529, 0.3033



95.2318, 0.3430, 0.3891



18.0922, 0.3239, 0.3207



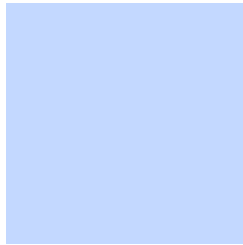
11.5146, 0.5581, 0.2848



1.1409, 0.5266, 0.2675

Previews

White Background



This preview shows how the Yxy color 67.9338, 0.2743, 0.2862 looks on a white background.

Color Contrast Check

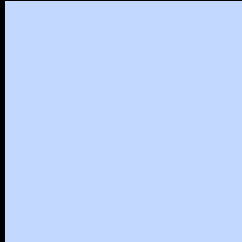
Large Text (above 18pt) WCAG AA × Fail

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 67.9338, 0.2743, 0.2862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

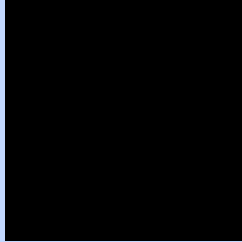
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

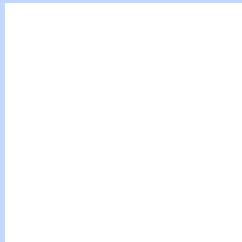
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.9338, 0.2743, 0.2862

Background



This preview shows how black text looks on a background with the Yxy color 67.9338, 0.2743, 0.2862.



This preview shows how white text looks on a background with the Yxy color 67.9338, 0.2743, 0.2862.

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

67.9338, 0.2743, 0.2862

Protanopia

67.9457, 0.2829, 0.2858

Deuteranopia

67.7603, 0.2869, 0.2813



Tritanopia

67.8538, 0.2824, 0.3086

Trichromacy



Original Color

67.9338, 0.2743, 0.2862

Protanomaly

67.9454, 0.2798, 0.2856

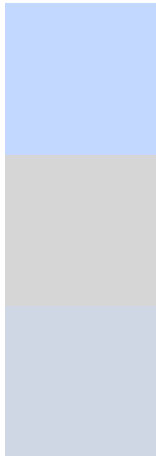
Deuteranomaly

67.7169, 0.2824, 0.2828

Tritanomaly

67.8809, 0.2789, 0.2999

Monochromacy



Original Color

67.9338, 0.2743, 0.2862

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.5234, 0.2978, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9338, 0.2743, 0.2862 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(195, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 216, 255)  
}
```

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(195, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 216, 255) }
```

Border

The CSS property to change the border of an element to Yxy 67.9338, 0.2743, 0.2862 is called "border". The border property can be set on classes, ids or directly on the HTML element.

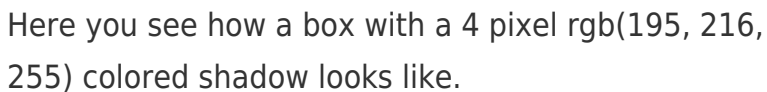
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 216, 255) }
```

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

```
.border{ border-color:rgb(195, 216, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 216,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9338, 0.2743, 0.2862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 216, 255) }
```

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

```
.background{ background-color: rgb(195,  
216, 255) }
```

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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