

Converting Colors

$Yxy(68.0778, 0.2735, 0.2869)$

Have a look what the booklet for
Yxy(68.0778, 0.2735, 0.2869)
contains.

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Color

Yxy(68.3150, 0.2738, 0.2873)

Conversions

Conversions Part 1

Format	Color
Hex	C2D9FF
RGB	194, 217, 255
RGB Percent	76%, 85%, 100%
CMY	0.2393, 0.1490, 0.0000
CMYK	0.24, 0.15, 0.00, 0.00
HSL	217°, 100%, 88%
HSV	217°, 24%, 100%
XYZ	65.1049, 68.3150, 104.3629
YIQ	214.4550, -25.9060, 6.9420

Conversions

Conversions Part 2

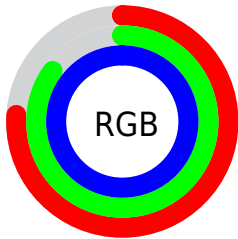
Format	Color
RYB	194, 211, 255
Decimal	12769791
CIELab	86.16, 0.39, -21.05
CIELCh	86, 21.053, 271.067
Yxy	68.3150, 0.2738, 0.2873
Android (android.graphics.Color)	4290959871 (0xFFC2D9FF)
YUV	214.4550, 19.9887, -17.9390
Hunter-Lab	82.6529, -4.0397, -17.0064

Details

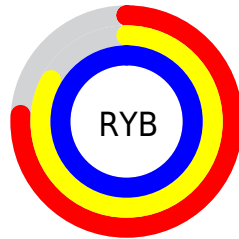
The Yxy color **68.3150, 0.2738, 0.2873** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.8436, 0.3540, 0.3674**, and the grayscale version is **67.4417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **35.4068, 0.2645, 0.2774** is the 20% darker color. If you saturate the color by 10%, you get **57.4352, 0.2563, 0.2666**, and if you desaturate by 10%, it is **80.5659, 0.2907, 0.3061**.

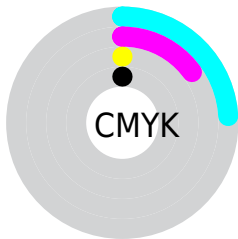
Distribution



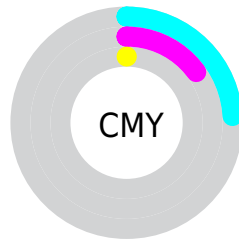
- Red (76%)
- Green (85%)
- Blue (100%)



- 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 68.3150, 0.2738, 0.2873 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 68.3150, 0.2738, 0.2873 by changing the saturation by 10% instead.

■ 68.3150, 0.2738,
0.2873

■ 68.3150, 0.2738,
0.2873

454.6113, 0.2918,
0.3066

■ 50.1540, 0.2697,
0.2829

■ 116.8027, 0.2800,
0.2940

■ 35.5358, 0.2646,
0.2775

147.8982, 0.2825,
0.2966

■ 24.0759, 0.2583,
0.2707

184.0739, 0.2846,
0.2988

■ 15.3899, 0.2500,
0.2618

225.7144, 0.2864,
0.3008

■ 9.0935, 0.2388,
0.2499

273.2040, 0.2880,
0.3025

■ 4.8022, 0.2229,
0.2330

326.9271, 0.2894,

■ 2.1317, 0.1990,

0.3040

0.2076

387.2680, 0.2907,
0.3054

0.6824, 0.1577,
0.1635

0.0000, 0.0000,
0.0000

68.3150, 0.2738,
0.2873

68.3150, 0.2738,
0.2873

57.4352, 0.2563,
0.2666

80.5659, 0.2907,
0.3061

47.8670, 0.2386,
0.2442

94.2288, 0.3067,
0.3229

39.5578, 0.2213,
0.2205

100.0000, 0.3127,
0.3290

32.4477, 0.2051,
0.1961

■ 26.4714, 0.1907,
0.1719

■ 21.5553, 0.1788,
0.1488

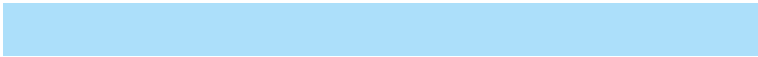
■ 17.6141, 0.1698,
0.1278

■ 15.6360, 0.1657,
0.1164

Harmonies

Analogous

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



68.3150, 0.2642, 0.2982



68.3150, 0.2738, 0.2873



68.3150, 0.2937, 0.2873

Triad

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



68.3150, 0.2738, 0.2873



68.3150, 0.3608, 0.3365



68.3150, 0.3044, 0.3641

Complementary

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



68.3150, 0.2738, 0.2873



82.8436, 0.3540, 0.3674

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.



68.3150, 0.3304, 0.3746



68.3150, 0.2738, 0.2873



68.3150, 0.3636, 0.3572

Square

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



68.3150, 0.2738, 0.2873



68.3150, 0.3444, 0.3150



68.3150, 0.3522, 0.3716



68.3150, 0.2813, 0.3429

Rectangle

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



68.3150, 0.2738, 0.2873



68.3150, 0.3107, 0.2929



68.3150, 0.3522, 0.3716



68.3150, 0.3131, 0.3690

Sweetspot

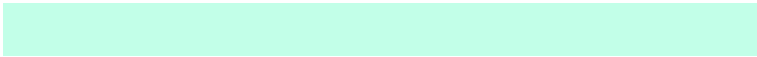
The Sweet Spot groups the original color and five complimentary colors.



68.3176, 0.2738, 0.2873



89.8851, 0.3019, 0.3180



88.7893, 0.2893, 0.3542



19.0596, 0.3009, 0.3170



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.



68.3176, 0.2738, 0.2873



62.6359, 0.2650, 0.2770



58.2208, 0.2764, 0.2619



18.5015, 0.2979, 0.3138



8.4341, 0.1665, 0.1194



1.0234, 0.1727, 0.1418

Inverse Universe

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



64.8411, 0.3442, 0.3055



58.9300, 0.3530, 0.3003



95.3483, 0.3442, 0.3900



18.1005, 0.3235, 0.3201



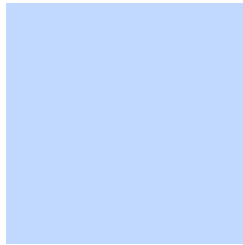
11.5794, 0.5475, 0.2790



1.1479, 0.5166, 0.2620

Previews

White Background



This preview shows how the Yxy color 68.3150, 0.2738, 0.2873 looks on a white background.

Color Contrast Check

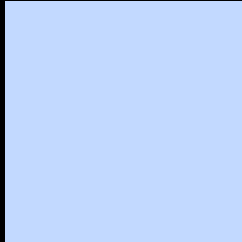
Large Text (above 18pt) WCAG AA × Fail

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 68.3150, 0.2738, 0.2873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

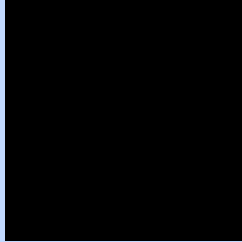
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

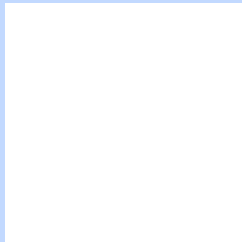
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.3150, 0.2738, 0.2873

Background



This preview shows how black text looks on a background with the Yxy color 68.3150, 0.2738, 0.2873.



This preview shows how white text looks on a background with the Yxy color 68.3150, 0.2738, 0.2873.

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

68.3150, 0.2738, 0.2873

Protanopia

68.0902, 0.2836, 0.2859

Deuteranopia

67.9121, 0.2876, 0.2813



Tritanopia

68.3066, 0.2813, 0.3086

Trichromacy



Original Color

68.3150, 0.2738, 0.2873

Protanomaly

67.9454, 0.2798, 0.2856

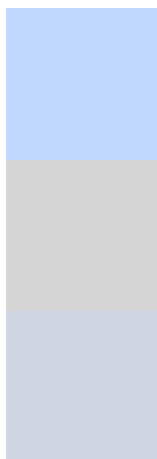
Deuteranomaly

68.2184, 0.2824, 0.2839

Tritanomaly

68.2711, 0.2784, 0.3009

Monochromacy



Original Color

68.3150, 0.2738, 0.2873

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 68.3150, 0.2738, 0.2873 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(194, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 217, 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(194, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 217, 255) }
```

Border

The CSS property to change the border of an element to Yxy 68.3150, 0.2738, 0.2873 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(194, 217, 255) }
```

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

```
.border{ border-color:rgb(194, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 217,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3150, 0.2738, 0.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 217, 255) }
```

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

```
.background{ background-color: rgb(194,  
217, 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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