

Converting Colors

Yxy(66.4629, 0.2764, 0.2822)

Have a look what the booklet for
Yxy(66.4629, 0.2764, 0.2822)
contains.

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Color

Yxy(66.4491, 0.2765, 0.2820)

Conversions

Conversions Part 1

Format	Color
Hex	C7D4FF
RGB	199, 212, 255
RGB Percent	78%, 83%, 100%
CMY	0.2196, 0.1686, 0.0000
CMYK	0.22, 0.17, 0.00, 0.00
HSL	226°, 100%, 89%
HSV	226°, 22%, 100%
XYZ	65.1531, 66.4491, 104.0329
YIQ	213.0150, -21.5510, 10.6170

Conversions

Conversions Part 2

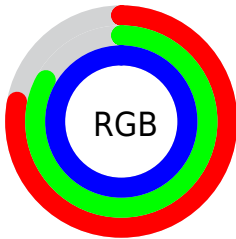
Format	Color
R _Y B	199, 210, 255
Decimal	13096191
CIE Lab	85.22, 4.55, -22.46
CIE LCh	85, 22.915, 281.445
Yxy	66.4491, 0.2765, 0.2820
Android (android.graphics.Color)	4291286271 (0xFFC7D4FF)
YUV	213.0150, 20.6986, -12.2912
Hunter-Lab	81.5163, 0.0152, -18.6058

Details

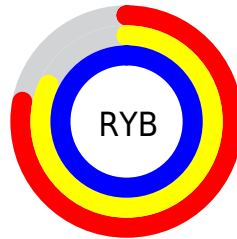
The Yxy color **66.4491, 0.2765, 0.2820** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.8956, 0.3485, 0.3719**, and the grayscale version is **66.4202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4602, 0.2678, 0.2720** is the 20% darker color. If you saturate the color by 10%, you get **54.0432, 0.2581, 0.2567**, and if you desaturate by 10%, it is **80.6273, 0.2938, 0.3050**.

Distribution



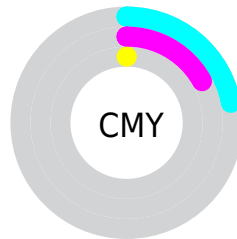
- Red (78%)
- Green (83%)
- Blue (100%)



- Red (78%)
- Yellow (82%)
- Blue (100%)



- Cyan (22%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4491, 0.2765, 0.2820 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 66.4491, 0.2765, 0.2820 by changing the saturation by 10% instead.

■ 66.4491, 0.2765,
0.2820

■ 66.4491, 0.2765,
0.2820

447.9813, 0.2934,
0.3037

■ 48.6371, 0.2726,
0.2771

114.1307, 0.2824,
0.2895

■ 34.3317, 0.2678,
0.2711

144.7690, 0.2847,
0.2924

■ 23.1485, 0.2617,
0.2635

180.4515, 0.2866,
0.2949

■ 14.7032, 0.2538,
0.2536

221.5627, 0.2884,
0.2971

■ 8.6114, 0.2429,
0.2404

268.4868, 0.2899,
0.2991

■ 4.4886, 0.2275,
0.2219

321.6084, 0.2912,

■ 1.9504, 0.2039,

0.3008

0.1942

381.3118, 0.2924,
0.3023

0.5784, 0.1635,
0.1431

0.0000, 0.0000,
0.0000

66.4491, 0.2765,
0.2820

66.4491, 0.2765,
0.2820

54.0432, 0.2581,
0.2567

80.6273, 0.2938,
0.3050

43.3379, 0.2389,
0.2292

96.6448, 0.3098,
0.3253

34.2569, 0.2197,
0.2002

100.0000, 0.3127,
0.3290

26.7177, 0.2013,
0.1710

■ 20.6300, 0.1848,
0.1427

■ 15.8935, 0.1713,
0.1172

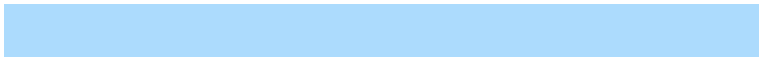
■ 12.3931, 0.1615,
0.0960

■ 10.3635, 0.1563,
0.0825

Harmonies

Analogous

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



66.4491, 0.2618, 0.2897



66.4491, 0.2765, 0.2820



66.4491, 0.3012, 0.2860

Triad

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



66.4491, 0.2765, 0.2820



66.4491, 0.3685, 0.3453



66.4491, 0.2940, 0.3606

Complementary

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



66.4491, 0.2765, 0.2820



88.8956, 0.3485, 0.3719

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.



66.4491, 0.3222, 0.3770



66.4491, 0.2765, 0.2820



66.4491, 0.3660, 0.3663

Square

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



66.4491, 0.2765, 0.2820



66.4491, 0.3552, 0.3215



66.4491, 0.3487, 0.3786



66.4491, 0.2715, 0.3348

Rectangle

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



66.4491, 0.2765, 0.2820



66.4491, 0.3205, 0.2945



66.4491, 0.3487, 0.3786



66.4491, 0.3031, 0.3675

Sweetspot

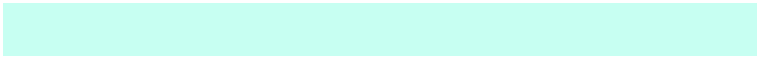
The Sweet Spot groups the original color and five complimentary colors.



66.4492, 0.2765, 0.2820



88.3331, 0.3019, 0.3154



90.0704, 0.2867, 0.3428



18.7008, 0.3010, 0.3141



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.



66.4492, 0.2765, 0.2820



61.2239, 0.2692, 0.2721



62.3586, 0.2857, 0.2691



18.0614, 0.2979, 0.3102



5.6011, 0.1570, 0.0850



0.7030, 0.1626, 0.1052

Inverse Universe

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



66.8647, 0.3474, 0.3158



61.8897, 0.3557, 0.3132



94.1814, 0.3360, 0.3858



18.0561, 0.3258, 0.3235



11.2934, 0.5990, 0.3074



1.1155, 0.5681, 0.2903

Previews

White Background



This preview shows how the Yxy color 66.4491, 0.2765, 0.2820 looks on a white background.

Color Contrast Check

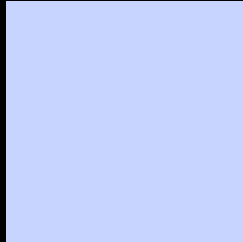
Large Text (above 18pt) WCAG AA × Fail

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 66.4491, 0.2765, 0.2820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

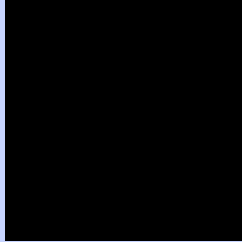
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.4491, 0.2765, 0.2820

Background



This preview shows how black text looks on a background with the Yxy color 66.4491, 0.2765, 0.2820.



This preview shows how white text looks on a background with the Yxy color 66.4491, 0.2765, 0.2820.

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

66.4491, 0.2765, 0.2820

Protanopia

66.5817, 0.2803, 0.2824

Deuteranopia

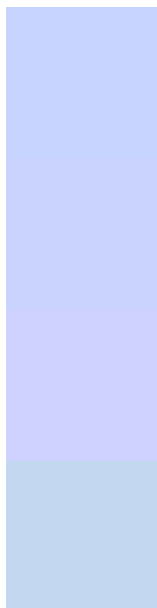
66.3288, 0.2848, 0.2788



Tritanopia

66.5970, 0.2872, 0.3097

Trichromacy



Original Color

66.4491, 0.2765, 0.2820

Protanomaly

66.3008, 0.2790, 0.2822

Deuteranomaly

66.0863, 0.2815, 0.2794

Tritanomaly

66.6875, 0.2830, 0.2998

Monochromacy



Original Color

66.4491, 0.2765, 0.2820

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.5998, 0.2992, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4491, 0.2765, 0.2820 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, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 212, 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(199, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 212, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.4491, 0.2765, 0.2820 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, 212, 255) }
```

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

```
.border{ border-color:rgb(199, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 212,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4491, 0.2765, 0.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 212, 255) }
```

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

```
.background{ background-color: rgb(199,  
212, 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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