

Converting Colors

Yxy(66.1152, 0.2771, 0.2811)

Have a look what the booklet for
Yxy(66.1152, 0.2771, 0.2811)
contains.

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Color

Yxy(66.0879, 0.2771, 0.2810)

Conversions

Conversions Part 1

Format	Color
Hex	C8D3FF
RGB	200, 211, 255
RGB Percent	78%, 83%, 100%
CMY	0.2155, 0.1726, 0.0000
CMYK	0.22, 0.17, 0.00, 0.00
HSL	228°, 100%, 89%
HSV	228°, 22%, 100%
XYZ	65.1707, 66.0879, 103.9297
YIQ	212.7270, -20.6800, 11.3520

Conversions

Conversions Part 2

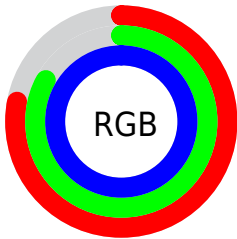
Format	Color
R _Y B	200, 209, 255
Decimal	13161471
CIE Lab	85.04, 5.38, -22.71
CIE LCh	85, 23.339, 283.324
Yxy	66.0879, 0.2771, 0.2810
Android (android.graphics.Color)	4291351551 (0xFFC8D3FF)
YUV	212.7270, 20.8406, -11.1616
Hunter-Lab	81.2945, 0.8313, -18.8923

Details

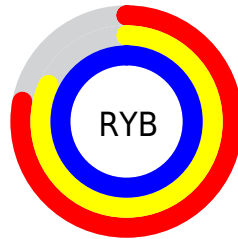
The Yxy color **66.0879, 0.2771, 0.2810** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.1591, 0.3475, 0.3728**, and the grayscale version is **66.2214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2109, 0.2685, 0.2707** is the 20% darker color. If you saturate the color by 10%, you get **53.3585, 0.2584, 0.2546**, and if you desaturate by 10%, it is **80.6963, 0.2945, 0.3048**.

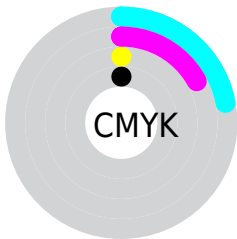
Distribution



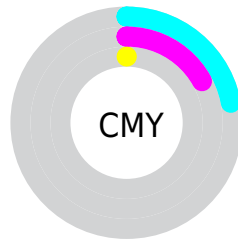
- Red (78%)
- Green (83%)
- Blue (100%)



- 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 66.0879, 0.2771, 0.2810 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 66.0879, 0.2771, 0.2810 by changing the saturation by 10% instead.

■ 66.0879, 0.2771,
0.2810

■ 66.0879, 0.2771,
0.2810

■ 446.6912, 0.2938,
0.3031

■ 48.3438, 0.2733,
0.2760

■ 113.6125, 0.2829,
0.2886

■ 34.0992, 0.2685,
0.2698

■ 144.1617, 0.2852,
0.2916

■ 22.9698, 0.2625,
0.2621

■ 179.7481, 0.2871,
0.2942

■ 14.5712, 0.2546,
0.2521

■ 220.7560, 0.2888,
0.2964

■ 8.5190, 0.2439,
0.2387

■ 267.5699, 0.2903,
0.2984

■ 4.4288, 0.2286,
0.2198

■ 320.5741, 0.2916,

■ 1.9162, 0.2051,

0.3001

0.1917

380.1531, 0.2927,
0.3017

0.5581, 0.1649,
0.1391

0.0000, 0.0000,
0.0000

66.0879, 0.2771,
0.2810

66.0879, 0.2771,
0.2810

53.3585, 0.2584,
0.2546

80.6963, 0.2945,
0.3048

42.4233, 0.2390,
0.2260

97.2487, 0.3104,
0.3260

33.2023, 0.2193,
0.1960

100.0000, 0.3127,
0.3290

25.6061, 0.2005,
0.1657

■ 19.5371, 0.1837,
0.1369

■ 14.8865, 0.1699,
0.1112

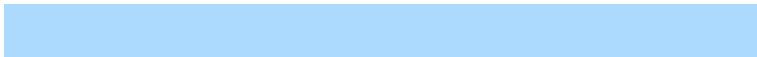
■ 11.5293, 0.1600,
0.0903

■ 9.5734, 0.1548,
0.0771

Harmonies

Analogous

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



66.0879, 0.2614, 0.2881



66.0879, 0.2771, 0.2810



66.0879, 0.3028, 0.2858

Triad

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



66.0879, 0.2771, 0.2810



66.0879, 0.3700, 0.3471



66.0879, 0.2920, 0.3598

Complementary

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



66.0879, 0.2771, 0.2810



90.1591, 0.3475, 0.3728

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.



66.0879, 0.3206, 0.3774



66.0879, 0.2771, 0.2810



66.0879, 0.3663, 0.3682

Square

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



66.0879, 0.2771, 0.2810



66.0879, 0.3573, 0.3228



66.0879, 0.3479, 0.3800



66.0879, 0.2696, 0.3331

Rectangle

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



66.0879, 0.2771, 0.2810



66.0879, 0.3225, 0.2949



66.0879, 0.3479, 0.3800



66.0879, 0.3011, 0.3671

Sweetspot

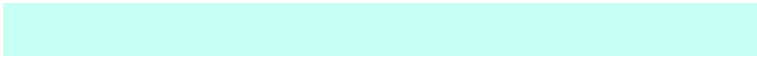
The Sweet Spot groups the original color and five complimentary colors.



66.0905, 0.2771, 0.2810



89.6445, 0.3035, 0.3169



90.3366, 0.2862, 0.3405



18.9556, 0.3025, 0.3155



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.



66.0905, 0.2771, 0.2810



60.2028, 0.2689, 0.2696



63.2252, 0.2875, 0.2706



17.9640, 0.2979, 0.3094



5.1670, 0.1554, 0.0793



0.6478, 0.1607, 0.0983

Inverse Universe

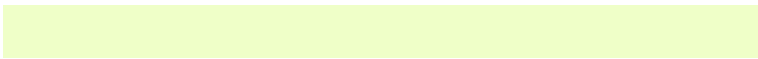
The Inverse Universe completely reimagines the original color for something new.



67.2889, 0.3480, 0.3179



61.7866, 0.3575, 0.3154



93.9577, 0.3344, 0.3849



18.0463, 0.3263, 0.3243



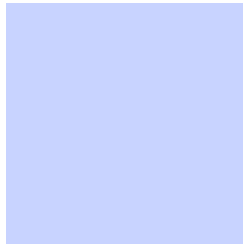
11.2496, 0.6082, 0.3124



1.1099, 0.5784, 0.2960

Previews

White Background



This preview shows how the Yxy color 66.0879, 0.2771, 0.2810 looks on a white background.

Color Contrast Check

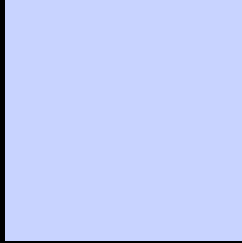
Large Text (above 18pt) WCAG AA × Fail

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 66.0879, 0.2771, 0.2810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

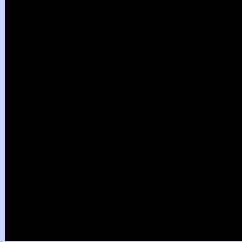
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.0879, 0.2771, 0.2810

Background



This preview shows how black text looks on a background with the Yxy color 66.0879, 0.2771, 0.2810.



This preview shows how white text looks on a background with the Yxy color 66.0879, 0.2771, 0.2810.

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

66.0879, 0.2771, 0.2810

Protanopia

65.9455, 0.2795, 0.2812

Deuteranopia

66.1806, 0.2841, 0.2787



Tritanopia

66.1628, 0.2885, 0.3097

Trichromacy



Original Color

66.0879, 0.2771, 0.2810

Protanomaly

65.8055, 0.2789, 0.2811

Deuteranomaly

66.0863, 0.2815, 0.2794

Tritanomaly

66.2547, 0.2842, 0.2998

Monochromacy



Original Color

66.0879, 0.2771, 0.2810

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.0983, 0.2992, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0879, 0.2771, 0.2810 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(200, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 211, 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(200, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 211, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.0879, 0.2771, 0.2810 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(200, 211, 255) }
```

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

```
.border{ border-color:rgb(200, 211, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 211,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0879, 0.2771, 0.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 211, 255) }
```

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

```
.background{ background-color: rgb(200,  
211, 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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