

Converting Colors

$Yxy(77.0958, 0.2815, 0.3085)$

Have a look what the booklet for
Yxy(77.0958, 0.2815, 0.3085)
contains.

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Color

Yxy(77.0958, 0.2815, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	C9E8FB
RGB	201, 232, 251
RGB Percent	79%, 91%, 98%
CMY	0.2120, 0.0901, 0.0156
CMYK	0.20, 0.08, 0.00, 0.02
HSL	203°, 86%, 89%
HSV	203°, 20%, 98%
XYZ	70.3484, 77.0958, 102.4612
YIQ	224.8970, -24.5750, -0.6630

Conversions

Conversions Part 2

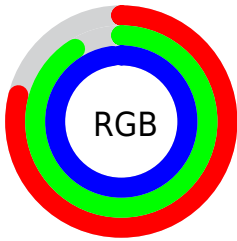
Format	Color
R _Y B	201, 220, 251
Decimal	13232379
CIE Lab	90.37, -6.19, -12.60
CIE LCh	90, 14.038, 243.829
Yxy	77.0958, 0.2815, 0.3085
Android (android.graphics.Color)	4291422459 (0xFFC9E8FB)
YUV	224.8970, 12.8688, -20.9577
Hunter-Lab	87.8042, -10.6439, -7.7242

Details

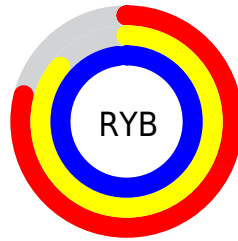
The Yxy color **77.0958, 0.2815, 0.3085** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.8921, 0.3487, 0.3486**, and the grayscale version is **75.1326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0567, 0.2746, 0.3037** is the 20% darker color. If you saturate the color by 10%, you get **68.6802, 0.2658, 0.2967**, and if you desaturate by 10%, it is **86.3770, 0.2973, 0.3193**.

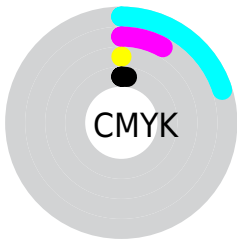
Distribution



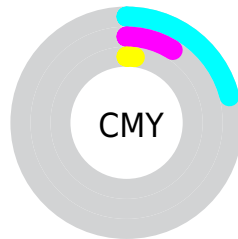
- Red (79%)
- Green (91%)
- Blue (98%)



- Red (79%)
- Yellow (86%)
- Blue (98%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (21%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.0958, 0.2815, 0.3085 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 77.0958, 0.2815, 0.3085 by changing the saturation by 10% instead.

■ 77.0958, 0.2815,
0.3085

■ 77.0958, 0.2815,
0.3085

485.0906, 0.2957,
0.3180

■ 57.3315, 0.2783,
0.3063

129.2747, 0.2864,
0.3118

■ 41.2715, 0.2745,
0.3037

162.4581, 0.2883,
0.3131

■ 28.5313, 0.2696,
0.3003

200.8833, 0.2899,
0.3142

■ 18.7265, 0.2634,
0.2959

244.9348, 0.2913,
0.3151

■ 11.4728, 0.2550,
0.2899

294.9968, 0.2926,
0.3160

■ 6.3858, 0.2434,
0.2814

351.4539, 0.2937,

■ 3.0811, 0.2259,

0.3167

0.2682

414.6903, 0.2948,
0.3174

■ 1.1742, 0.1973,
0.2456

■ 0.0405, 0.0000,
0.0419

■ 77.0958, 0.2815,
0.3085

■ 77.0958, 0.2815,
0.3085

■ 68.6802, 0.2658,
0.2967

■ 86.3770, 0.2973,
0.3193

■ 61.0887, 0.2505,
0.2838

■ 96.5445, 0.3128,
0.3290

■ 54.2898, 0.2360,
0.2701

■ 99.7467, 0.3150,
0.3328

■ 48.2459, 0.2227,
0.2558

■ 42.9156, 0.2110,
0.2410

■ 38.2519, 0.2013,
0.2261

■ 34.1998, 0.1937,
0.2114

■ 30.6723, 0.1881,
0.1971

■ 30.6558, 0.1881,
0.1970

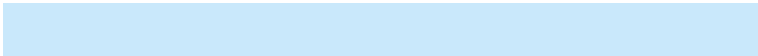
Harmonies

Analogous

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



77.0958, 0.2825, 0.3211



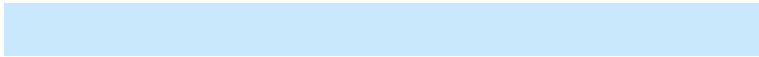
77.0958, 0.2815, 0.3085



77.0958, 0.2886, 0.3017

Triad

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



77.0958, 0.2815, 0.3085



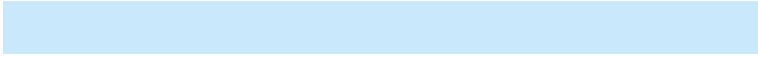
77.0958, 0.3342, 0.3213



77.0958, 0.3228, 0.3576

Complementary

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



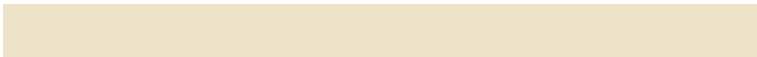
77.0958, 0.2815, 0.3085



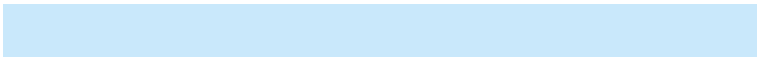
75.8921, 0.3487, 0.3486

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.



77.0958, 0.3371, 0.3568



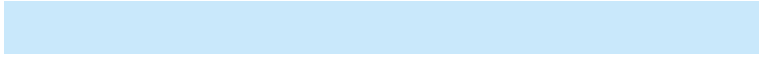
77.0958, 0.2815, 0.3085



77.0958, 0.3439, 0.3355

Square

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



77.0958, 0.2815, 0.3085



77.0958, 0.3188, 0.3092



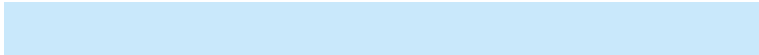
77.0958, 0.3449, 0.3486



77.0958, 0.3061, 0.3501

Rectangle

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



77.0958, 0.2815, 0.3085



77.0958, 0.2970, 0.3012



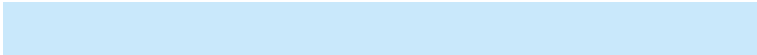
77.0958, 0.3449, 0.3486



77.0958, 0.3280, 0.3582

Sweetspot

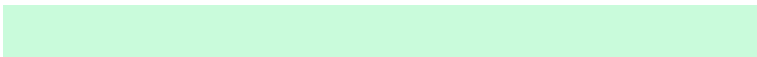
The Sweet Spot groups the original color and five complimentary colors.



77.0990, 0.2815, 0.3085



93.5630, 0.3034, 0.3233



86.5520, 0.2999, 0.3635



19.8807, 0.3024, 0.3226



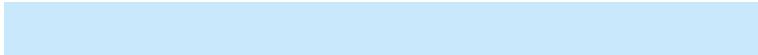
0.0000, 0.0000, 0.0000



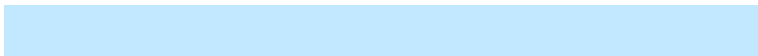
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.0990, 0.2815, 0.3085



76.2459, 0.2751, 0.3038



64.3046, 0.2798, 0.2813



18.4368, 0.2980, 0.3198



16.4000, 0.1887, 0.1994



1.7233, 0.1935, 0.2166

Inverse Universe

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



68.0891, 0.3287, 0.2975



65.5677, 0.3327, 0.2908



89.6407, 0.3441, 0.3726



17.4063, 0.3196, 0.3144



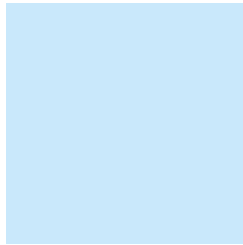
12.0665, 0.4460, 0.2230



1.1382, 0.4269, 0.2126

Previews

White Background



This preview shows how the Yxy color 77.0958, 0.2815, 0.3085 looks on a white background.

Color Contrast Check

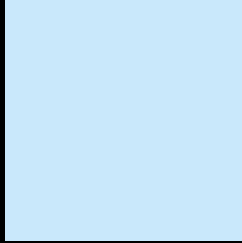
Large Text (above 18pt) WCAG AA × Fail

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 77.0958, 0.2815, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

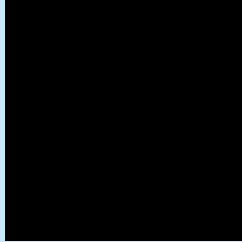
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

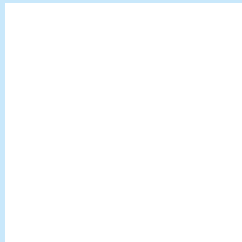
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.0958, 0.2815, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 77.0958, 0.2815, 0.3085.



This preview shows how white text looks on a background with the Yxy color 77.0958, 0.2815, 0.3085.

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

77.0958, 0.2815, 0.3085

Protanopia

76.5734, 0.2989, 0.3061

Deuteranopia

76.8093, 0.3032, 0.2966



Tritanopia

77.0958, 0.2815, 0.3085

Trichromacy



Original Color

77.0958, 0.2815, 0.3085

Protanomaly

76.8630, 0.2924, 0.3079

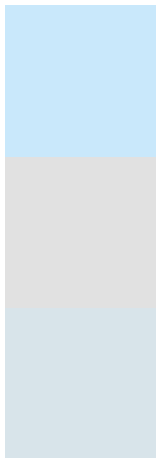
Deuteranomaly

76.7260, 0.2952, 0.3010

Tritanomaly

77.0958, 0.2815, 0.3085

Monochromacy



Original Color

77.0958, 0.2815, 0.3085

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

76.0262, 0.3008, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.0958, 0.2815, 0.3085 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(201, 232, 251)` looks like.

```
.text, #text, p{  
    color:rgb(201, 232, 251)  
}
```

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(201, 232, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 232, 251) }
```

Border

The CSS property to change the border of an element to Yxy 77.0958, 0.2815, 0.3085 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(201, 232, 251) }
```

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

```
.border{ border-color:rgb(201, 232, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 232, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 232, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 232, 251);  
box-shadow:4px 4px 4px 4px rgb(201, 232,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 77.0958, 0.2815, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 232, 251) }
```

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

```
.background{ background-color: rgb(201,  
232, 251) }
```

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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