

Converting Colors

$Yxy(85.3695, 0.2771, 0.3246)$

Have a look what the booklet for
Yxy(85.3695, 0.2771, 0.3246)
contains.

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Color

Yxy(85.3695, 0.2771, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	C0F8FC
RGB	192, 248, 252
RGB Percent	75%, 97%, 99%
CMY	0.2471, 0.0274, 0.0117
CMYK	0.24, 0.02, 0.00, 0.01
HSL	184°, 91%, 87%
HSV	184°, 24%, 99%
XYZ	72.8770, 85.3695, 104.7525
YIQ	231.7120, -34.6600, -10.6280

Conversions

Conversions Part 2

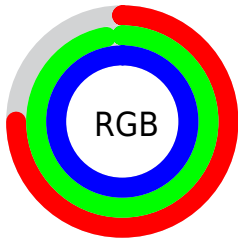
Format	Color
RYB	192, 221, 252
Decimal	12646652
CIELab	94.04, -16.68, -7.71
CIELCh	94, 18.378, 204.806
Yxy	85.3695, 0.2771, 0.3246
Android (android.graphics.Color)	4290836732 (0xFFC0F8FC)
YUV	231.7120, 10.0020, -34.8274
Hunter-Lab	92.3956, -20.9005, -2.5425

Details

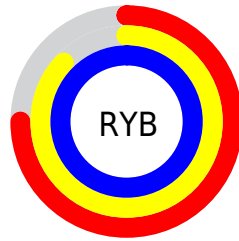
The Yxy color **85.3695, 0.2771, 0.3246** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.9908, 0.3616, 0.3334**, and the grayscale version is **80.4144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **46.9578, 0.2698, 0.3247** is the 20% darker color. If you saturate the color by 10%, you get **81.3268, 0.2638, 0.3225**, and if you desaturate by 10%, it is **89.9918, 0.2915, 0.3266**.

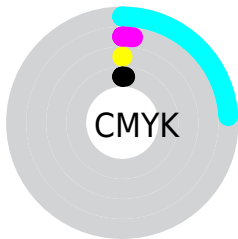
Distribution



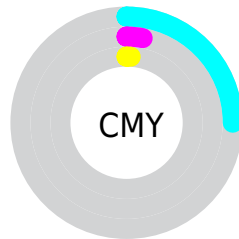
- Red (75%)
- Green (97%)
- Blue (99%)



- Red (75%)
- Yellow (87%)
- Blue (99%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)





- Cyan (25%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.3695, 0.2771, 0.3246 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 85.3695, 0.2771, 0.3246 by changing the saturation by 10% instead.


 85.3695, 0.2771,
0.3246

 85.3695, 0.2771,
0.3246


512.8499, 0.2929,
0.3268

 64.1467, 0.2736,
0.3241


 140.8893, 0.2825,
0.3254

 46.7695, 0.2694,
0.3234

175.9551, 0.2846,
0.3257

 32.8535, 0.2642,
0.3225


216.4041, 0.2864,
0.3260

 22.0142, 0.2575,
0.3213

262.6206, 0.2881,
0.3262

 13.8674, 0.2487,
0.3196

314.9891, 0.2895,
0.3264

 8.0285, 0.2367,
0.3170

373.8938, 0.2908,

 4.1132, 0.2192,

0.3265

439.7193, 0.2919,
0.3267

0.3128

1.7371, 0.1916,
0.3049

0.4475, 0.0121,
0.2997

85.3695, 0.2771,
0.3246

85.3695, 0.2771,
0.3246

81.3268, 0.2638,
0.3225

89.9918, 0.2915,
0.3266

77.8246, 0.2519,
0.3203

95.2099, 0.3067,
0.3284

74.8350, 0.2417,
0.3181

98.5840, 0.3145,
0.3300

72.3236, 0.2333,
0.3158

99.6549, 0.3144,
0.3316

■ 70.2516, 0.2269, 99.8099, 0.3144,
0.3135 0.3318

■ 68.5741, 0.2224,
0.3112

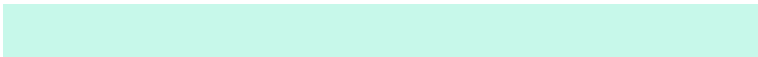
■ 67.2360, 0.2198,
0.3089

■ 66.5301, 0.2188,
0.3076

Harmonies

Analogous

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



85.3695, 0.2907, 0.3442



85.3695, 0.2771, 0.3246



85.3695, 0.2727, 0.3071

Triad

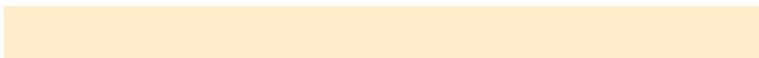
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3695, 0.2771, 0.3246



85.3695, 0.3139, 0.3007



85.3695, 0.3476, 0.3618

Complementary

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



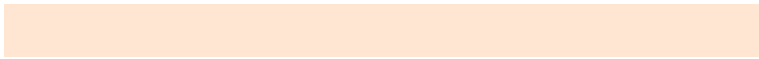
85.3695, 0.2771, 0.3246



63.9908, 0.3616, 0.3334

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.



85.3695, 0.3544, 0.3489



85.3695, 0.2771, 0.3246



85.3695, 0.3346, 0.3142

Square

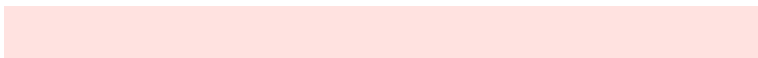
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.3695, 0.2771, 0.3246



85.3695, 0.2934, 0.2941



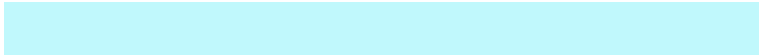
85.3695, 0.3496, 0.3316



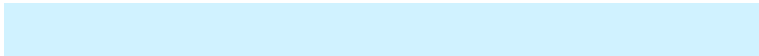
85.3695, 0.3313, 0.3662

Rectangle

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



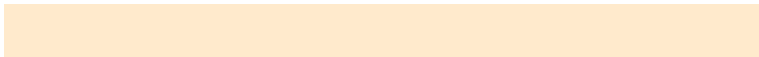
85.3695, 0.2771, 0.3246



85.3695, 0.2755, 0.2989



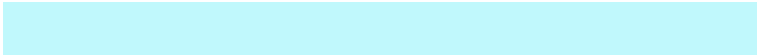
85.3695, 0.3496, 0.3316



85.3695, 0.3510, 0.3583

Sweetspot

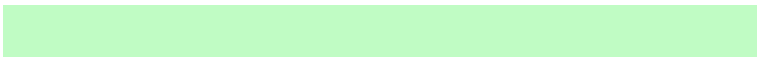
The Sweet Spot groups the original color and five complimentary colors.



85.3730, 0.2771, 0.3246



96.0099, 0.3018, 0.3278



84.8275, 0.3073, 0.3919



20.4796, 0.3009, 0.3277



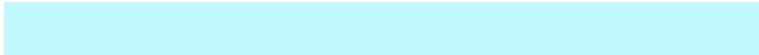
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



85.3730, 0.2771, 0.3246



85.4502, 0.2700, 0.3235



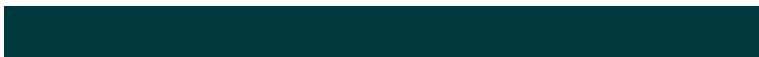
68.3810, 0.2743, 0.2914



19.3977, 0.2980, 0.3274



34.7358, 0.2189, 0.3079



3.2753, 0.2196, 0.3106

Inverse Universe

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



65.1730, 0.3184, 0.2733



61.2332, 0.3198, 0.2610



78.9041, 0.3545, 0.3639



17.5033, 0.3148, 0.3072



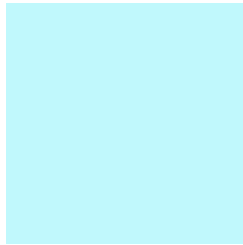
13.9175, 0.3385, 0.1638



1.2949, 0.3362, 0.1626

Previews

White Background



This preview shows how the Yxy color 85.3695, 0.2771, 0.3246 looks on a white background.

Color Contrast Check

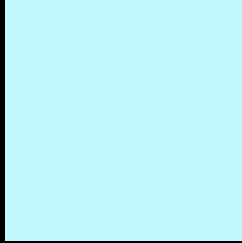
Large Text (above 18pt) WCAG AA × Fail

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 85.3695, 0.2771, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

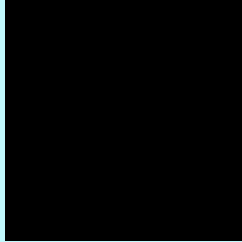
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.3695, 0.2771, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 85.3695, 0.2771, 0.3246.

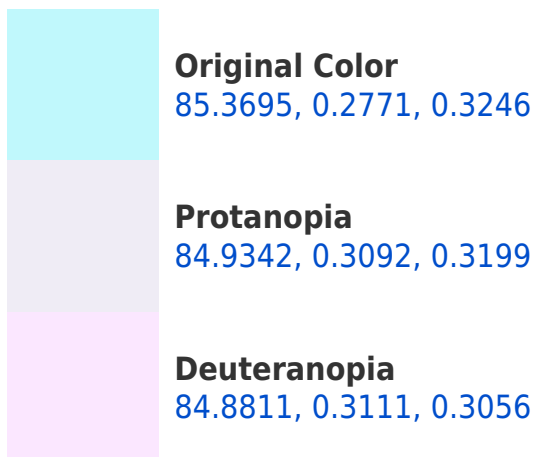


This preview shows how white text looks on a background with the Yxy color 85.3695, 0.2771, 0.3246.

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





Tritanopia

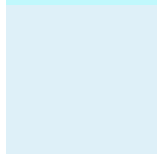
85.4673, 0.2872, 0.3165

Trichromacy



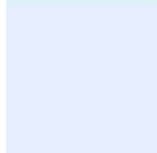
Original Color

85.3695, 0.2771, 0.3246



Protanomaly

84.6271, 0.2965, 0.3207



Deuteranomaly

84.5471, 0.2980, 0.3118



Tritanomaly

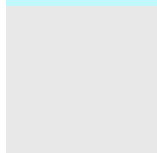
85.4397, 0.2831, 0.3195

Monochromacy



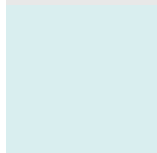
Original Color

85.3695, 0.2771, 0.3246



Achromatopsia

80.6952, 0.3127, 0.3290



Achromatomaly

82.1328, 0.2985, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.3695, 0.2771, 0.3246 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(192, 248, 252)` looks like.

```
.text, #text, p{  
    color:rgb(192, 248, 252)  
}
```

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(192, 248, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 248, 252) }
```

Border

The CSS property to change the border of an element to Yxy 85.3695, 0.2771, 0.3246 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(192, 248, 252) }
```

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

```
.border{ border-color:rgb(192, 248, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 248, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 248, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 248, 252);  
box-shadow:4px 4px 4px 4px rgb(192, 248,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 85.3695, 0.2771, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 248, 252) }
```

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

```
.background{ background-color: rgb(192,  
248, 252) }
```

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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