

Converting Colors

$Yxy(85.1692, 0.2763, 0.3244)$

Have a look what the booklet for
Yxy(85.1692, 0.2763, 0.3244)
contains.

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Color

Yxy(85.2394, 0.2766, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	BFF8FC
RGB	191, 248, 252
RGB Percent	75%, 97%, 99%
CMY	0.2508, 0.0275, 0.0117
CMYK	0.24, 0.02, 0.00, 0.01
HSL	184°, 91%, 87%
HSV	184°, 24%, 99%
XYZ	72.6347, 85.2394, 104.7242
YIQ	231.4130, -35.2560, -10.8400

Conversions

Conversions Part 2

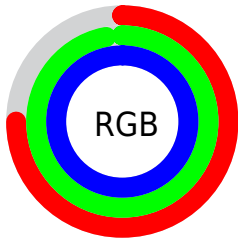
Format	Color
R_{YB}	191, 220, 252
Decimal	12581116
CIE _{Lab}	93.99, -16.95, -7.79
CIE _{LCh}	94, 18.654, 204.681
Yxy	85.2394, 0.2766, 0.3246
Android (android.graphics.Color)	4290771196 (0xFFBFF8FC)
YUV	231.4130, 10.1494, -35.4422
Hunter-Lab	92.3252, -21.1384, -2.6248

Details

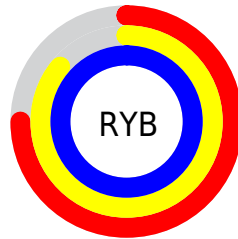
The Yxy color **85.2394, 0.2766, 0.3246** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.5229, 0.3626, 0.3334**, and the grayscale version is **80.1874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **46.8736, 0.2691, 0.3247** is the 20% darker color. If you saturate the color by 10%, you get **81.2346, 0.2634, 0.3226**, and if you desaturate by 10%, it is **89.8223, 0.2910, 0.3265**.

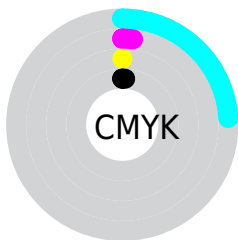
Distribution



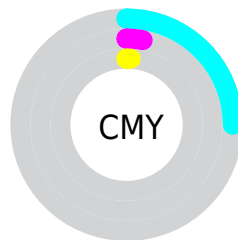
- Red (75%)
- Green (97%)
- Blue (99%)



- Red (75%)
- Yellow (86%)
- 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 85.2394, 0.2766, 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 85.2394, 0.2766, 0.3246 by changing the saturation by 10% instead.


 85.2394, 0.2766,
0.3246

 85.2394, 0.2766,
0.3246

512.4199, 0.2927,
0.3268

 64.0392, 0.2731,
0.3241


 140.7076, 0.2821,
0.3254

 46.6824, 0.2688,
0.3234


175.7444, 0.2842,
0.3257

 32.7847, 0.2635,
0.3225


216.1622, 0.2861,
0.3260

 21.9615, 0.2567,
0.3213

262.3454, 0.2877,
0.3262

 13.8286, 0.2478,
0.3196

314.6784, 0.2892,
0.3264

 8.0016, 0.2356,
0.3170


373.5455, 0.2905,

 4.0960, 0.2179,

0.3265

0.3127


439.3312, 0.2916,
0.3267


 1.7274, 0.1899,
0.3047


 0.4413, 0.0038,
0.2995


 85.2394, 0.2766,
0.3246


 85.2394, 0.2766,
0.3246


 81.2346, 0.2634,
0.3226


 89.8223, 0.2910,
0.3265


 77.7688, 0.2515,
0.3204

 94.9997, 0.3062,
0.3283

 74.8140, 0.2414,
0.3182

 98.5213, 0.3145,
0.3299

 72.3357, 0.2331,
0.3159

 99.5736, 0.3145,
0.3315

■ 70.2949, 0.2268,
0.3137

99.8087, 0.3144,
0.3319

■ 68.6464, 0.2224,
0.3114

■ 67.3347, 0.2198,
0.3092

■ 66.6807, 0.2189,
0.3079

Harmonies

Analogous

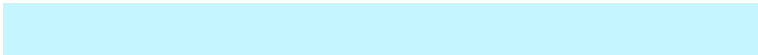
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2394, 0.2905, 0.3445



85.2394, 0.2766, 0.3246



85.2394, 0.2721, 0.3068

Triad

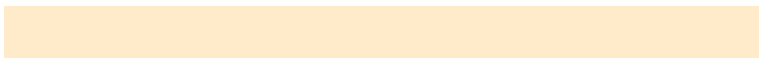
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2394, 0.2766, 0.3246



85.2394, 0.3138, 0.3003



85.2394, 0.3481, 0.3623

Complementary

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



85.2394, 0.2766, 0.3246



63.5229, 0.3626, 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.



85.2394, 0.3550, 0.3492



85.2394, 0.2766, 0.3246



85.2394, 0.3348, 0.3139

Square

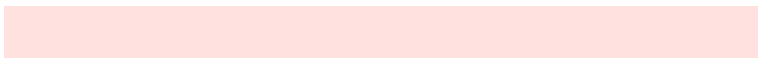
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.2394, 0.2766, 0.3246



85.2394, 0.2931, 0.2936



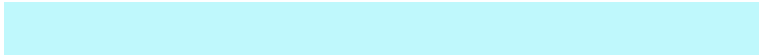
85.2394, 0.3501, 0.3315



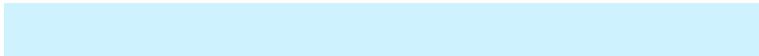
85.2394, 0.3317, 0.3668

Rectangle

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



85.2394, 0.2766, 0.3246



85.2394, 0.2749, 0.2985



85.2394, 0.3501, 0.3315



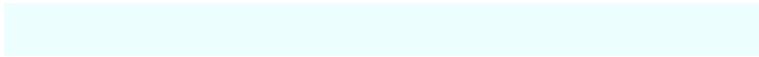
85.2394, 0.3517, 0.3587

Sweetspot

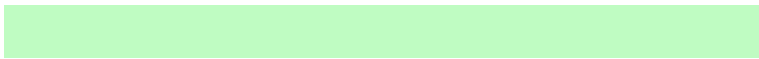
The Sweet Spot groups the original color and five complimentary colors.



85.2429, 0.2766, 0.3246



96.0226, 0.3018, 0.3278



84.6085, 0.3078, 0.3942



20.4825, 0.3009, 0.3277



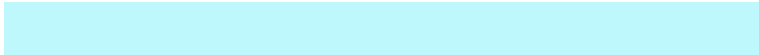
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



85.2429, 0.2766, 0.3246



85.5018, 0.2700, 0.3236



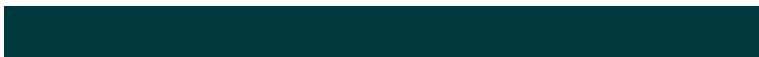
68.5069, 0.2738, 0.2919



19.4012, 0.2980, 0.3274



34.8189, 0.2190, 0.3083



3.2821, 0.2197, 0.3109

Inverse Universe

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



64.7601, 0.3185, 0.2723



61.2384, 0.3198, 0.2609



78.0841, 0.3555, 0.3635



17.5037, 0.3148, 0.3071



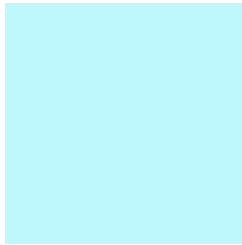
13.9259, 0.3382, 0.1637



1.2956, 0.3359, 0.1624

Previews

White Background



This preview shows how the Yxy color 85.2394, 0.2766, 0.3246 looks on a white background.

Color Contrast Check

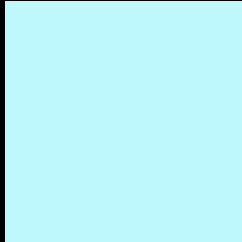
Large Text (above 18pt) WCAG AA × Fail

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 85.2394, 0.2766, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

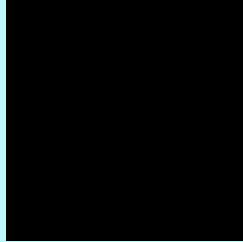
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.2394, 0.2766, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 85.2394, 0.2766, 0.3246.

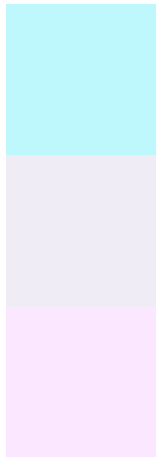


This preview shows how white text looks on a background with the Yxy color 85.2394, 0.2766, 0.3246.

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



Original Color

85.2394, 0.2766, 0.3246

Protanopia

84.9342, 0.3092, 0.3199

Deuteranopia

84.8811, 0.3111, 0.3056



Tritanopia

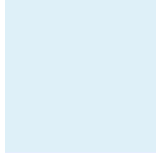
85.3182, 0.2866, 0.3165

Trichromacy



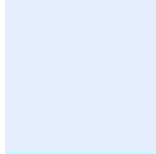
Original Color

85.2394, 0.2766, 0.3246



Protanomaly

84.6271, 0.2965, 0.3207



Deuteranomaly

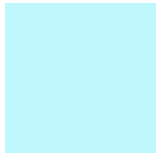
84.3821, 0.2973, 0.3117



Tritanomaly

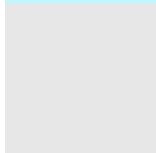
85.2979, 0.2826, 0.3195

Monochromacy



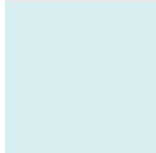
Original Color

85.2394, 0.2766, 0.3246



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

81.3993, 0.2979, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2394, 0.2766, 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(191, 248, 252)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 248, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 248, 252) }
```

Border

The CSS property to change the border of an element to Yxy 85.2394, 0.2766, 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(191, 248, 252) }
```

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

```
.border{ border-color:rgb(191, 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(191, 248, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 248, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 248, 252);  
box-shadow:4px 4px 4px 4px rgb(191, 248,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2394, 0.2766, 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(191, 248, 252) }
```

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

```
.background{ background-color: rgb(191,  
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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