

Converting Colors

Yxy(85.4099, 0.2842, 0.3192)

Have a look what the booklet for
Yxy(85.4099, 0.2842, 0.3192)
contains.

Yxy(85.7260, 0.2843, 0.3195)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(85.7260, 0.2843, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	CFF5FE
RGB	207, 245, 254
RGB Percent	81%, 96%, 100%
CMY	0.1881, 0.0392, 0.0039
CMYK	0.18, 0.04, 0.00, 0.00
HSL	192°, 96%, 90%
HSV	192°, 18%, 100%
XYZ	76.2814, 85.7260, 106.3056
YIQ	234.6640, -25.5370, -5.2570

Conversions

Conversions Part 2

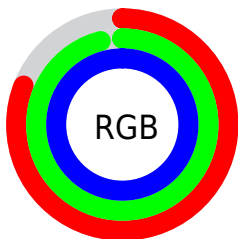
Format	Color
R_{YB}	207, 228, 254
Decimal	13628926
CIE _{Lab}	94.20, -10.32, -8.42
CIE _{LCh}	94, 13.321, 219.192
Yxy	85.7260, 0.2843, 0.3195
Android (android.graphics.Color)	4291819006 (0xFFCFF5FE)
YUV	234.6640, 9.5326, -24.2613
Hunter-Lab	92.5883, -14.9676, -3.2622

Details

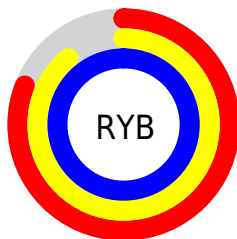
The Yxy color **85.7260, 0.2843, 0.3195** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.7174, 0.3473, 0.3383**, and the grayscale version is **82.7562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.1018, 0.2784, 0.3181** is the 20% darker color. If you saturate the color by 10%, you get **79.4480, 0.2697, 0.3137**, and if you desaturate by 10%, it is **92.6774, 0.2995, 0.3248**.

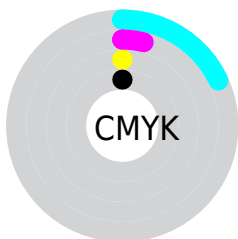
Distribution



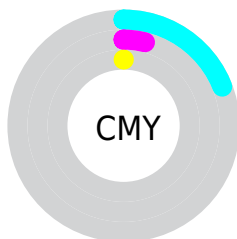
- Red (81%)
- Green (96%)
- Blue (100%)



- Red (81%)
- Yellow (89%)
- Blue (100%)



- Cyan (18%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)




- Cyan (19%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.7260, 0.2843, 0.3195 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 85.7260, 0.2843, 0.3195 by changing the saturation by 10% instead.

 85.7260, 0.2843,
0.3195

 85.7260, 0.2843,
0.3195


514.0273, 0.2970,
0.3239

 64.4414, 0.2815,
0.3185


141.3871, 0.2886,
0.3210

 47.0083, 0.2781,
0.3172

176.5323, 0.2903,
0.3216

 33.0422, 0.2739,
0.3157


217.0666, 0.2918,
0.3221

 22.1588, 0.2686,
0.3136

263.3744, 0.2931,
0.3226

 13.9736, 0.2615,
0.3108

315.8399, 0.2942,
0.3230

 8.1023, 0.2518,
0.3068

374.8476, 0.2952,

 4.1605, 0.2377,

0.3233

0.3006

440.7820, 0.2961,
0.3236

■ 1.7637, 0.2151,
0.2900

■ 0.4644, 0.1080,
0.2648

■ 85.7260, 0.2843,
0.3195

■ 85.7260, 0.2843,
0.3195

■ 79.4480, 0.2697,
0.3137

■ 92.6774, 0.2995,
0.3248

■ 73.8041, 0.2559,
0.3075

99.7774, 0.3133,
0.3297

■ 68.7669, 0.2434,
0.3009

99.9369, 0.3133,
0.3299

■ 64.3025, 0.2325,
0.2941

■ 60.3733, 0.2233,
0.2871

■ 56.9366, 0.2161,
0.2800

■ 53.9417, 0.2109,
0.2730

■ 51.3176, 0.2074,
0.2660

■ 50.9413, 0.2069,
0.2650

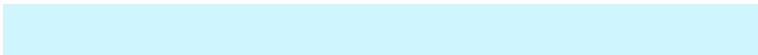
Harmonies

Analogous

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



85.7260, 0.2913, 0.3334



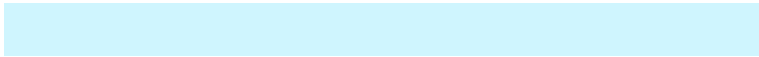
85.7260, 0.2843, 0.3195



85.7260, 0.2847, 0.3087

Triad

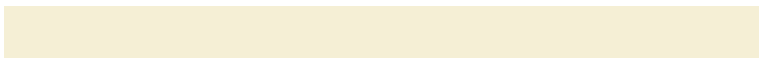
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.7260, 0.2843, 0.3195



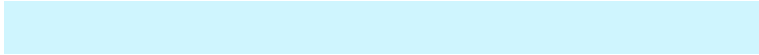
85.7260, 0.3211, 0.3126



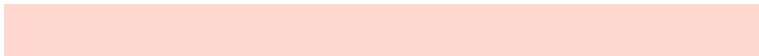
85.7260, 0.3330, 0.3551

Complementary

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



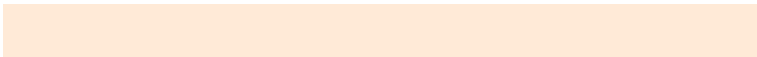
85.7260, 0.2843, 0.3195



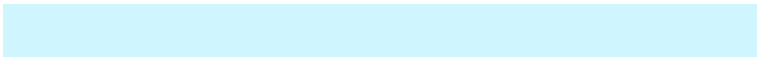
74.7174, 0.3473, 0.3383

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.



85.7260, 0.3415, 0.3487



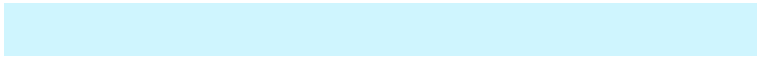
85.7260, 0.2843, 0.3195



85.7260, 0.3345, 0.3242

Square

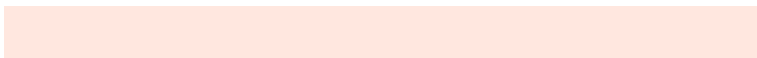
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



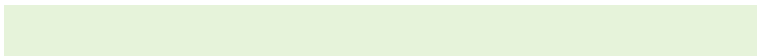
85.7260, 0.2843, 0.3195



85.7260, 0.3056, 0.3051



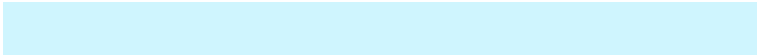
85.7260, 0.3420, 0.3374



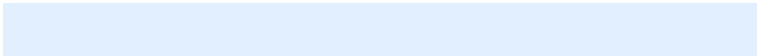
85.7260, 0.3193, 0.3544

Rectangle

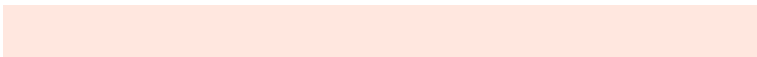
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.7260, 0.2843, 0.3195



85.7260, 0.2891, 0.3045



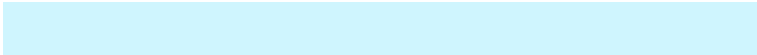
85.7260, 0.3420, 0.3374



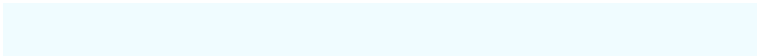
85.7260, 0.3366, 0.3537

Sweetspot

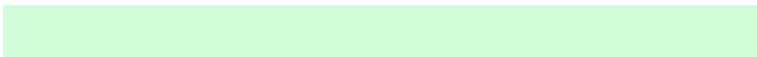
The Sweet Spot groups the original color and five complimentary colors.



85.7295, 0.2843, 0.3195



95.3531, 0.3034, 0.3261



89.1037, 0.3055, 0.3702



20.3045, 0.3024, 0.3258



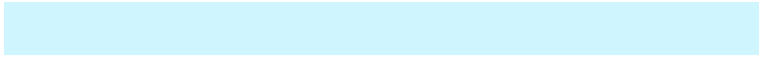
0.0000, 0.0000, 0.0000



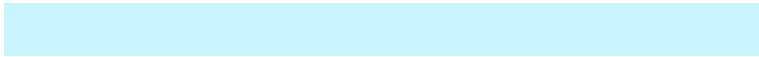
21.4041, 0.3127, 0.3290

Same Dimension

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



85.7295, 0.2843, 0.3195



84.1887, 0.2791, 0.3175



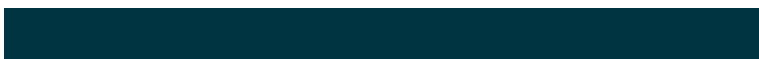
72.6204, 0.2829, 0.2946



19.8538, 0.2980, 0.3243



27.0612, 0.2073, 0.2661



2.7800, 0.2095, 0.2741

Inverse Universe

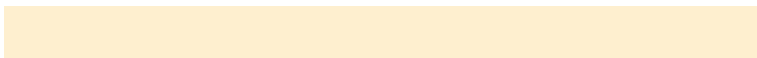
The Inverse Universe completely reimagines the original color for something new.



72.3061, 0.3211, 0.2914



68.6065, 0.3230, 0.2841



87.3942, 0.3432, 0.3612



18.2370, 0.3168, 0.3100



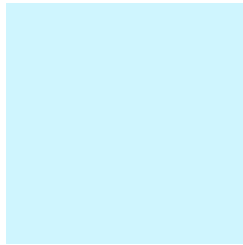
13.4598, 0.3765, 0.1848



1.3252, 0.3690, 0.1806

Previews

White Background



This preview shows how the Yxy color 85.7260, 0.2843, 0.3195 looks on a white background.

Color Contrast Check

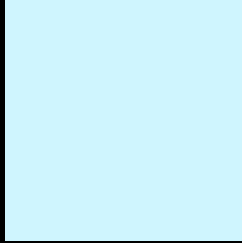
Large Text (above 18pt) WCAG AA × Fail

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 85.7260, 0.2843, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

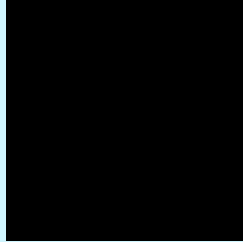
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.7260, 0.2843, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 85.7260, 0.2843, 0.3195.

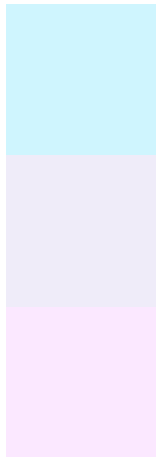


This preview shows how white text looks on a background with the Yxy color 85.7260, 0.2843, 0.3195.

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

85.7260, 0.2843, 0.3195

Protanopia

85.1812, 0.3067, 0.3160

Deuteranopia

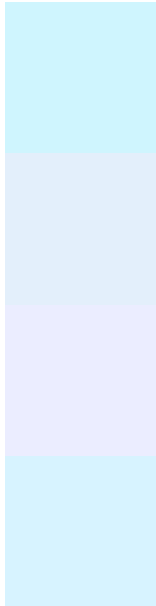
85.4425, 0.3111, 0.3066



Tritanopia

85.7843, 0.2907, 0.3156

Trichromacy



Original Color

85.7260, 0.2843, 0.3195

Protanomaly

85.0289, 0.2978, 0.3167

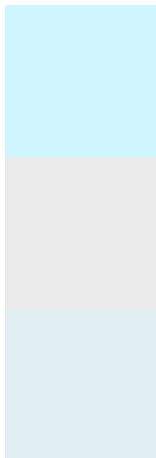
Deuteranomaly

85.4505, 0.3006, 0.3110

Tritanomaly

85.7683, 0.2883, 0.3166

Monochromacy



Original Color

85.7260, 0.2843, 0.3195

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

84.1514, 0.3018, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.7260, 0.2843, 0.3195 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(207, 245, 254)` looks like.

```
.text, #text, p{  
    color:rgb(207, 245, 254)  
}
```

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(207, 245, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 245, 254) }
```

Border

The CSS property to change the border of an element to Yxy 85.7260, 0.2843, 0.3195 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(207, 245, 254) }
```

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

```
.border{ border-color:rgb(207, 245, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 245, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 245, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 245, 254);  
box-shadow:4px 4px 4px 4px rgb(207, 245,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 85.7260, 0.2843, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 245, 254) }
```

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

```
.background{ background-color: rgb(207,  
245, 254) }
```

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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