

Converting Colors

$Yxy(88.1333, 0.2796, 0.3244)$

Have a look what the booklet for
Yxy(88.1333, 0.2796, 0.3244)
contains.

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Color

Yxy(88.3565, 0.2797, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	C7FBFF
RGB	199, 251, 255
RGB Percent	78%, 98%, 100%
CMY	0.2194, 0.0157, 0.0000
CMYK	0.22, 0.02, 0.00, 0.00
HSL	184°, 100%, 89%
HSV	184°, 22%, 100%
XYZ	76.1112, 88.3565, 107.6496
YIQ	235.9080, -32.2760, -9.7800

Conversions

Conversions Part 2

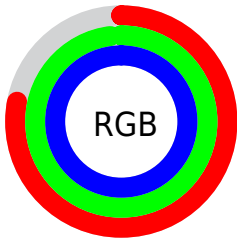
Format	Color
R_{YB}	199, 226, 255
Decimal	13106175
CIE _{Lab}	95.31, -15.48, -7.33
CIE _{LCh}	95, 17.126, 205.329
Yxy	88.3565, 0.2797, 0.3247
Android (android.graphics.Color)	4291296255 (0xFFC7FBFF)
YUV	235.9080, 9.4124, -32.3683
Hunter-Lab	93.9981, -19.9635, -2.1021

Details

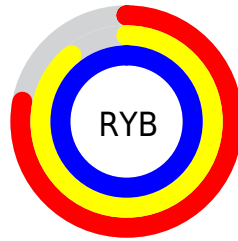
The Yxy color **88.3565, 0.2797, 0.3247** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.1292, 0.3567, 0.3333**, and the grayscale version is **83.7619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.5901, 0.2728, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **84.0223, 0.2661, 0.3225**, and if you desaturate by 10%, it is **93.2934, 0.2943, 0.3268**.

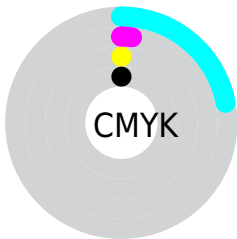
Distribution



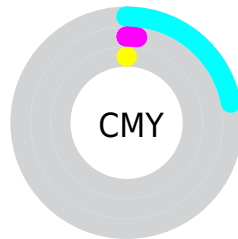
- Red (78%)
- Green (98%)
- Blue (100%)



- Red (78%)
- Yellow (89%)
- Blue (100%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.3565, 0.2797, 0.3247 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 88.3565, 0.2797, 0.3247 by changing the saturation by 10% instead.

88.3565, 0.2797,
0.3247

88.3565, 0.2797,
0.3247

522.6700, 0.2943,
0.3268

66.6184, 0.2765,
0.3242

145.0534, 0.2846,
0.3255

48.7745, 0.2726,
0.3236

180.7809, 0.2866,
0.3257

34.4407, 0.2679,
0.3227

221.9403, 0.2883,
0.3260

23.2323, 0.2618,
0.3216

268.9161, 0.2898,
0.3262

14.7652, 0.2538,
0.3201

322.0925, 0.2911,
0.3264

8.6547, 0.2429,
0.3178

381.8540, 0.2923,

4.5167, 0.2272,

0.3266

0.3141

448.5851, 0.2934,
0.3267

1.9666, 0.2026,
0.3073

0.5879, 0.0936,
0.3040

88.3565, 0.2797,
0.3247

88.3565, 0.2797,
0.3247

84.0223, 0.2661,
0.3225

93.2934, 0.2943,
0.3268

80.2509, 0.2539,
0.3202

98.8492, 0.3097,
0.3287

77.0142, 0.2433,
0.3178

100.0000, 0.3127,
0.3290

74.2775, 0.2345,
0.3153

■ 72.0018, 0.2277,
0.3129

■ 70.1421, 0.2228,
0.3104

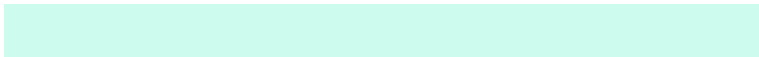
■ 68.6442, 0.2198,
0.3080

■ 67.6346, 0.2183,
0.3060

Harmonies

Analogous

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



88.3565, 0.2922, 0.3427



88.3565, 0.2797, 0.3247



88.3565, 0.2758, 0.3086

Triad

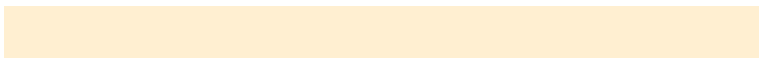
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.3565, 0.2797, 0.3247



88.3565, 0.3142, 0.3030



88.3565, 0.3446, 0.3594

Complementary

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



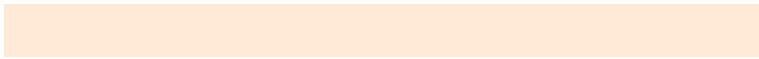
88.3565, 0.2797, 0.3247



68.1292, 0.3567, 0.3333

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.



88.3565, 0.3510, 0.3477



88.3565, 0.2797, 0.3247



88.3565, 0.3332, 0.3156

Square

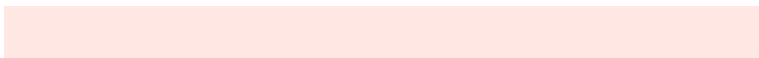
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.3565, 0.2797, 0.3247



88.3565, 0.2953, 0.2968



88.3565, 0.3468, 0.3318



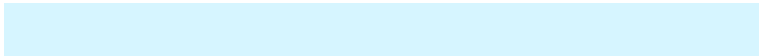
88.3565, 0.3296, 0.3632

Rectangle

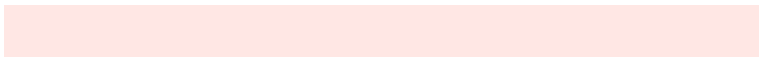
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.3565, 0.2797, 0.3247



88.3565, 0.2785, 0.3011



88.3565, 0.3468, 0.3318



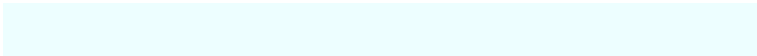
88.3565, 0.3479, 0.3563

Sweetspot

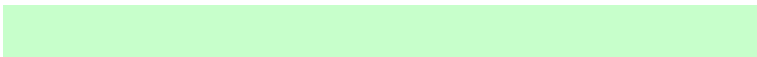
The Sweet Spot groups the original color and five complimentary colors.



88.3601, 0.2797, 0.3247



95.9573, 0.3018, 0.3277



87.9719, 0.3078, 0.3863



20.4673, 0.3009, 0.3276



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.



88.3601, 0.2797, 0.3247



86.5277, 0.2740, 0.3238



72.3059, 0.2775, 0.2947



20.2455, 0.2980, 0.3272



35.4349, 0.2185, 0.3064



3.5142, 0.2192, 0.3092

Inverse Universe

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



69.0985, 0.3181, 0.2779



64.4441, 0.3192, 0.2683



82.4032, 0.3508, 0.3611



18.2766, 0.3149, 0.3072



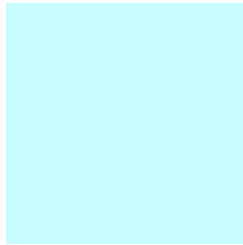
14.3051, 0.3398, 0.1646



1.3993, 0.3374, 0.1632

Previews

White Background



This preview shows how the Yxy color 88.3565, 0.2797, 0.3247 looks on a white background.

Color Contrast Check

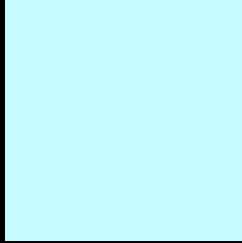
Large Text (above 18pt) WCAG AA × Fail

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 88.3565, 0.2797, 0.3247 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

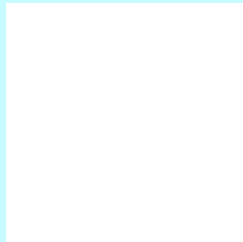
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.3565, 0.2797, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 88.3565, 0.2797, 0.3247.

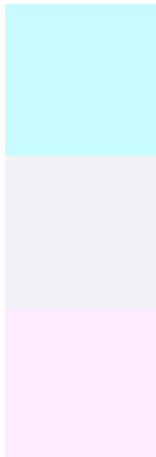


This preview shows how white text looks on a background with the Yxy color 88.3565, 0.2797, 0.3247.

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

88.3565, 0.2797, 0.3247

Protanopia

88.1522, 0.3098, 0.3211

Deuteranopia

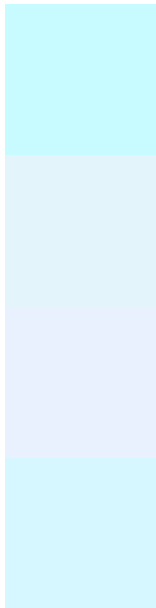
87.5193, 0.3123, 0.3097



Tritanopia

88.2128, 0.2932, 0.3188

Trichromacy



Original Color

88.3565, 0.2797, 0.3247

Protanomaly

87.9973, 0.2979, 0.3219

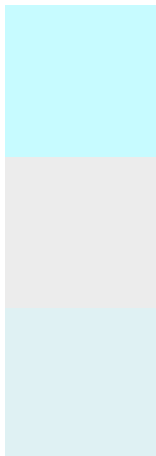
Deuteranomaly

87.4542, 0.2993, 0.3150

Tritanomaly

88.0377, 0.2879, 0.3207

Monochromacy



Original Color

88.3565, 0.2797, 0.3247

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

85.0696, 0.3000, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3565, 0.2797, 0.3247 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(199, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 251, 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(199, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 251, 255) }
```

Border

The CSS property to change the border of an element to Yxy 88.3565, 0.2797, 0.3247 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(199, 251, 255) }
```

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

```
.border{ border-color:rgb(199, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 251,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3565, 0.2797, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 251, 255) }
```

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

```
.background{ background-color: rgb(199,  
251, 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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