

Converting Colors

$Yxy(89.1712, 0.2799, 0.3311)$

Have a look what the booklet for
Yxy(89.1712, 0.2799, 0.3311)
contains.

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Color

Yxy(88.9514, 0.2802, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	C4FDFB
RGB	196, 253, 251
RGB Percent	77%, 99%, 98%
CMY	0.2315, 0.0078, 0.0156
CMYK	0.23, 0.00, 0.01, 0.01
HSL	178°, 93%, 88%
HSV	178°, 23%, 99%
XYZ	75.2996, 88.9514, 104.4843
YIQ	235.7290, -33.3300, -12.7060

Conversions

Conversions Part 2

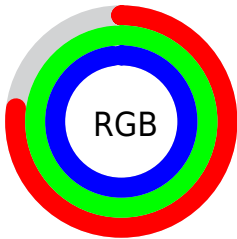
Format	Color
R_{YB}	196, 225, 253
Decimal	12910075
CIE _{Lab}	95.56, -18.21, -4.92
CIE _{LCh}	96, 18.864, 195.133
Yxy	88.9514, 0.2802, 0.3310
Android (android.graphics.Color)	4291100155 (0xFFC4FDFB)
YUV	235.7290, 7.5286, -34.8423
Hunter-Lab	94.3140, -22.5365, 0.3364

Details

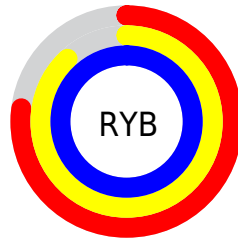
The Yxy color **88.9514, 0.2802, 0.3310** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.4274, 0.3576, 0.3271**, and the grayscale version is **83.6223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **49.0827, 0.2730, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **85.7886, 0.2675, 0.3320**, and if you desaturate by 10%, it is **92.6938, 0.2941, 0.3301**.

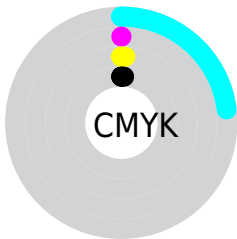
Distribution



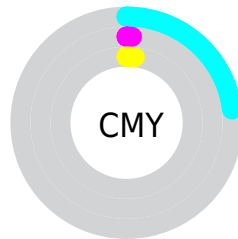
- Red (77%)
- Green (99%)
- Blue (98%)



- Red (77%)
- Yellow (88%)
- Blue (99%)



- Cyan (23%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)





- Cyan (23%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.9514, 0.2802, 0.3310 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 88.9514, 0.2802, 0.3310 by changing the saturation by 10% instead.


 88.9514, 0.2802,
0.3310

 88.9514, 0.2802,
0.3310

524.6139, 0.2946,
0.3303

 67.1113, 0.2771,
0.3311


145.8810, 0.2851,
0.3308

 49.1751, 0.2732,
0.3313


181.7392, 0.2870,
0.3307

 34.7584, 0.2685,
0.3314


223.0390, 0.2887,
0.3306

 23.4768, 0.2625,
0.3315

270.1646, 0.2902,
0.3305

 14.9460, 0.2547,
0.3316

323.5005, 0.2915,
0.3305

 8.7815, 0.2439,
0.3316


383.4311, 0.2926,


 4.5989, 0.2283,


0.3304


450.3407, 0.2937,
0.3303


0.3313


 2.0139, 0.2039,
0.3301


 0.6155, 0.0793,
0.3475


 88.9514, 0.2802,
0.3310


 88.9514, 0.2802,
0.3310


 85.7886, 0.2675,
0.3320


 92.6938, 0.2941,
0.3301


 83.1657, 0.2564,
0.3331

 97.0316, 0.3089,
0.3292

 81.0553, 0.2469,
0.3342

 98.6509, 0.3136,
0.3284

 79.4231, 0.2393,
0.3353

 98.7074, 0.3131,
0.3275

■ 78.2305, 0.2337,
0.3365

98.7365, 0.3128,
0.3271

■ 77.4331, 0.2301,
0.3376

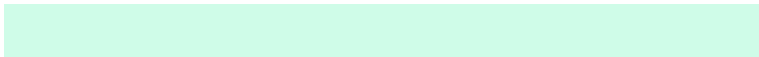
■ 76.9771, 0.2282,
0.3388

■ 76.7999, 0.2277,
0.3396

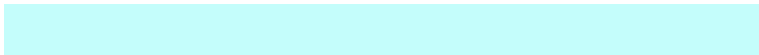
Harmonies

Analogous

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



88.9514, 0.2965, 0.3503



88.9514, 0.2802, 0.3310



88.9514, 0.2725, 0.3119

Triad

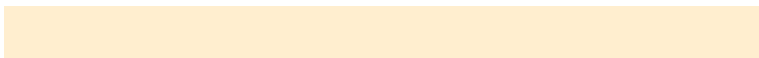
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9514, 0.2802, 0.3310



88.9514, 0.3069, 0.2974



88.9514, 0.3514, 0.3588

Complementary

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



88.9514, 0.2802, 0.3310



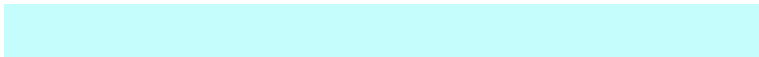
64.4274, 0.3576, 0.3271

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.



88.9514, 0.3546, 0.3438



88.9514, 0.2802, 0.3310



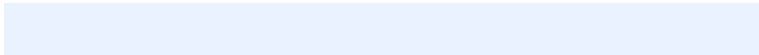
88.9514, 0.3284, 0.3090

Square

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



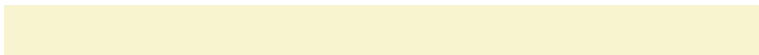
88.9514, 0.2802, 0.3310



88.9514, 0.2875, 0.2934



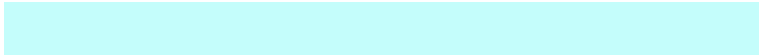
88.9514, 0.3461, 0.3257



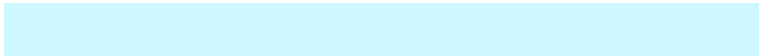
88.9514, 0.3376, 0.3664

Rectangle

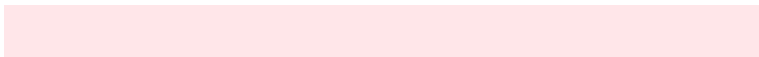
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



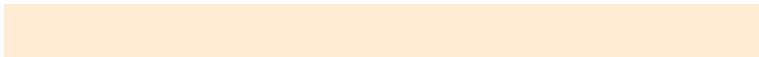
88.9514, 0.2802, 0.3310



88.9514, 0.2731, 0.3021



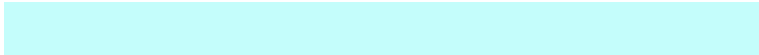
88.9514, 0.3461, 0.3257



88.9514, 0.3538, 0.3544

Sweetspot

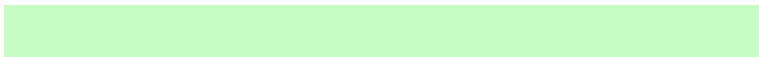
The Sweet Spot groups the original color and five complimentary colors.



88.9550, 0.2802, 0.3310



96.7304, 0.3022, 0.3296



86.3589, 0.3115, 0.3922



20.6470, 0.3013, 0.3296



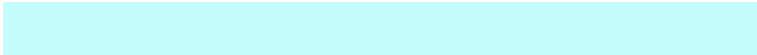
0.0000, 0.0000, 0.0000



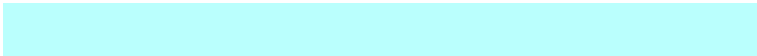
21.4041, 0.3127, 0.3290

Same Dimension

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



88.9550, 0.2802, 0.3310



89.0444, 0.2744, 0.3314



73.9505, 0.2771, 0.3011



20.4699, 0.2985, 0.3298



40.8561, 0.2276, 0.3394



3.9813, 0.2273, 0.3381

Inverse Universe

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



64.4274, 0.3576, 0.3271



60.0956, 0.3695, 0.3267



76.9198, 0.3534, 0.3554



17.9973, 0.3289, 0.3282



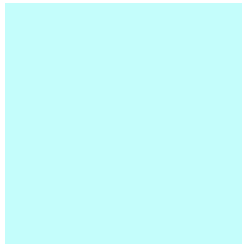
11.1234, 0.6366, 0.3280



1.0865, 0.6282, 0.3235

Previews

White Background



This preview shows how the Yxy color 88.9514, 0.2802, 0.3310 looks on a white background.

Color Contrast Check

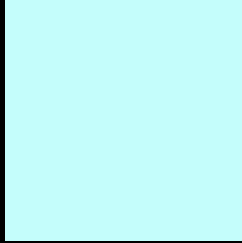
Large Text (above 18pt) WCAG AA × Fail

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 88.9514, 0.2802, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

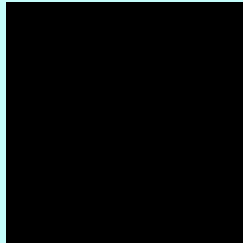
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.9514, 0.2802, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 88.9514, 0.2802, 0.3310.

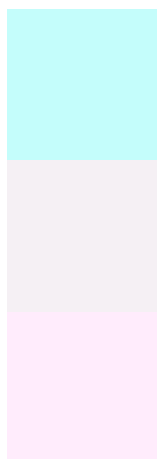


This preview shows how white text looks on a background with the Yxy color 88.9514, 0.2802, 0.3310.

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

88.9514, 0.2802, 0.3310

Protanopia

88.2643, 0.3136, 0.3250

Deuteranopia

88.2792, 0.3154, 0.3136



Tritanopia

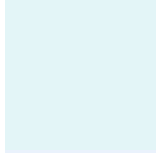
88.3721, 0.2938, 0.3188

Trichromacy



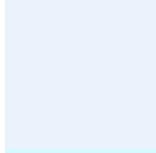
Original Color

88.9514, 0.2802, 0.3310



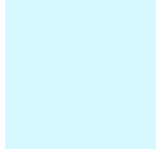
Protanomaly

88.3511, 0.3002, 0.3269



Deuteranomaly

88.0250, 0.3017, 0.3190



Tritanomaly

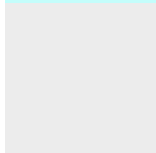
88.5867, 0.2885, 0.3228

Monochromacy



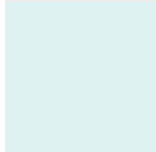
Original Color

88.9514, 0.2802, 0.3310



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.2273, 0.2999, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9514, 0.2802, 0.3310 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(196, 253, 251)` looks like.

```
.text, #text, p{  
    color:rgb(196, 253, 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(196, 253, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 253, 251) }
```

Border

The CSS property to change the border of an element to Yxy 88.9514, 0.2802, 0.3310 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(196, 253, 251) }
```

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

```
.border{ border-color:rgb(196, 253, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 253, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 253, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 253, 251);  
box-shadow:4px 4px 4px 4px rgb(196, 253,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9514, 0.2802, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 253, 251) }
```

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

```
.background{ background-color: rgb(196,  
253, 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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