

Converting Colors

$Yxy(88.7424, 0.2889, 0.3540)$

Have a look what the booklet for
Yxy(88.7424, 0.2889, 0.3540)
contains.

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Color

Yxy(88.8155, 0.2891, 0.3538)

Conversions

Conversions Part 1

Format	Color
Hex	C2FFE8
RGB	194, 255, 232
RGB Percent	76%, 100%, 91%
CMY	0.2391, 0.0000, 0.0903
CMYK	0.24, 0.00, 0.09, 0.00
HSL	157°, 100%, 88%
HSV	157°, 24%, 100%
XYZ	72.5737, 88.8155, 89.6439
YIQ	234.1390, -28.9730, -20.0850

Conversions

Conversions Part 2

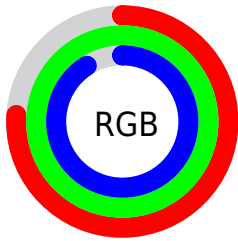
Format	Color
RYB	194, 232, 255
Decimal	12779496
CIELab	95.50, -23.62, 4.80
CIELCh	96, 24.099, 168.516
Yxy	88.8155, 0.2891, 0.3538
Android (android.graphics.Color)	4290969576 (0xFFC2FFE8)
YUV	234.1390, -1.0545, -35.2019
Hunter-Lab	94.2420, -27.4646, 9.5721

Details

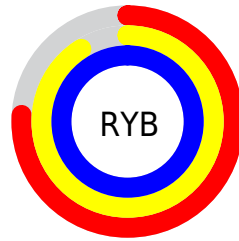
The Yxy color **88.8155, 0.2891, 0.3538** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.8630, 0.3442, 0.3056**, and the grayscale version is **82.4161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **49.0117, 0.2840, 0.3599** is the 20% darker color. If you saturate the color by 10%, you get **85.1945, 0.2803, 0.3659**, and if you desaturate by 10%, it is **93.0475, 0.2987, 0.3427**.

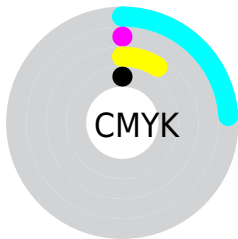
Distribution



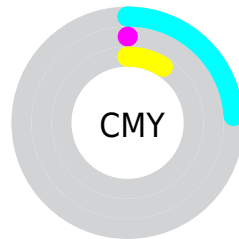
- Red (76%)
- Green (100%)
- Blue (91%)



- Red (76%)
- Yellow (91%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.8155, 0.2891, 0.3538 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 88.8155, 0.2891, 0.3538 by changing the saturation by 10% instead.


 88.8155, 0.2891,
0.3538

 88.8155, 0.2891,
0.3538

524.1701, 0.2997,
0.3425

 66.9986, 0.2867,
0.3563


 145.6920, 0.2927,
0.3499

 49.0835, 0.2839,
0.3594

181.5204, 0.2942,
0.3484

 34.6857, 0.2803,
0.3633


222.7881, 0.2954,
0.3471

 23.4209, 0.2756,
0.3683

269.8795, 0.2965,
0.3460

 14.9046, 0.2695,
0.3751

323.1790, 0.2974,
0.3450

 8.7525, 0.2609,
0.3846

383.0711, 0.2983,

 4.5801, 0.2481,

0.3441

0.3991

449.9400, 0.2990,
0.3433

2.0031, 0.2270,
0.4236

0.6092, 0.0027,
0.6483

88.8155, 0.2891,
0.3538

88.8155, 0.2891,
0.3538

85.1945, 0.2803,
0.3659

93.0475, 0.2987,
0.3427

82.1513, 0.2725,
0.3791

97.9152, 0.3087,
0.3326

79.6543, 0.2662,
0.3930

100.0000, 0.3127,
0.3290

77.6675, 0.2615,
0.4075

■ 76.1504, 0.2588,
0.4223

■ 75.0562, 0.2582,
0.4371

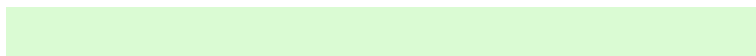
■ 74.3277, 0.2596,
0.4517

■ 74.0139, 0.2612,
0.4604

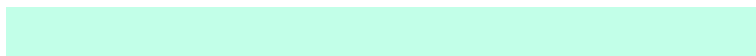
Harmonies

Analogous

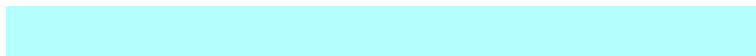
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8155, 0.3154, 0.3722



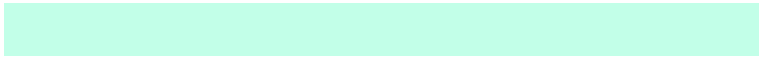
88.8155, 0.2891, 0.3538



88.8155, 0.2697, 0.3284

Triad

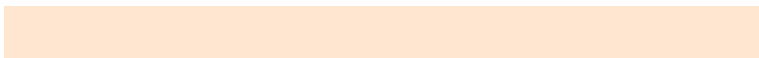
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8155, 0.2891, 0.3538



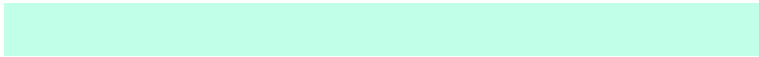
88.8155, 0.2830, 0.2840



88.8155, 0.3668, 0.3499

Complementary

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



88.8155, 0.2891, 0.3538



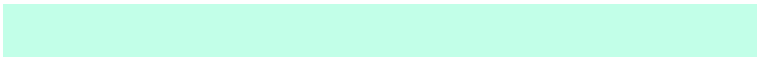
64.8630, 0.3442, 0.3056

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.



88.8155, 0.3575, 0.3272



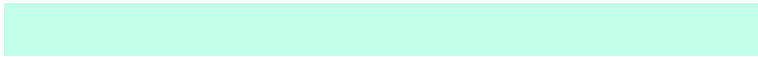
88.8155, 0.2891, 0.3538



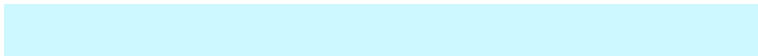
88.8155, 0.3082, 0.2903

Square

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



88.8155, 0.2891, 0.3538



88.8155, 0.2663, 0.2887



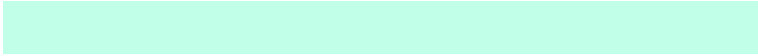
88.8155, 0.3357, 0.3058



88.8155, 0.3608, 0.3685

Rectangle

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



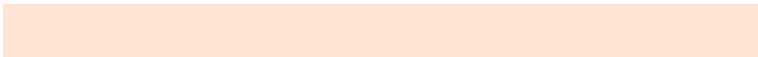
88.8155, 0.2891, 0.3538



88.8155, 0.2628, 0.3118



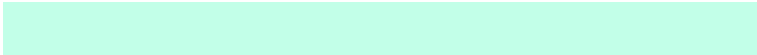
88.8155, 0.3357, 0.3058



88.8155, 0.3653, 0.3425

Sweetspot

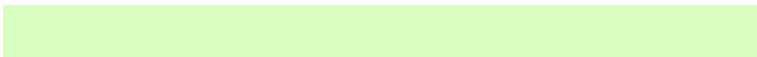
The Sweet Spot groups the original color and five complimentary colors.



88.8165, 0.2891, 0.3538



96.3439, 0.3056, 0.3356



90.2280, 0.3241, 0.3940



20.5573, 0.3050, 0.3362



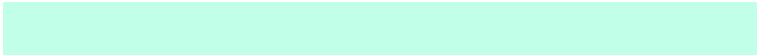
0.0000, 0.0000, 0.0000



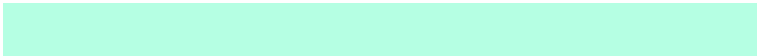
21.4041, 0.3127, 0.3290

Same Dimension

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



88.8165, 0.2891, 0.3538



86.9004, 0.2845, 0.3599



85.7559, 0.2767, 0.3214



20.3584, 0.3031, 0.3381



38.7038, 0.2606, 0.4580



3.7897, 0.2560, 0.4416

Inverse Universe

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



64.8630, 0.3442, 0.3056



58.9299, 0.3530, 0.3003



66.9905, 0.3612, 0.3365



18.1005, 0.3235, 0.3201



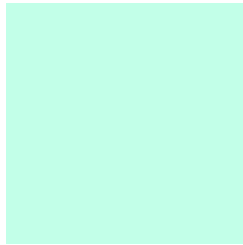
11.5793, 0.5475, 0.2790



1.1479, 0.5166, 0.2620

Previews

White Background



This preview shows how the Yxy color 88.8155, 0.2891, 0.3538 looks on a white background.

Color Contrast Check

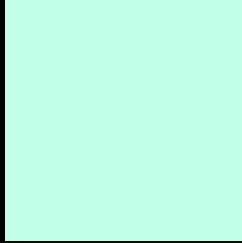
Large Text (above 18pt) WCAG AA × Fail

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 88.8155, 0.2891, 0.3538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

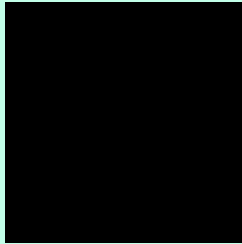
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

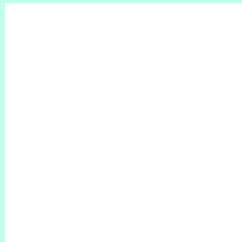
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8155, 0.2891, 0.3538

Background



This preview shows how black text looks on a background with the Yxy color 88.8155, 0.2891, 0.3538.

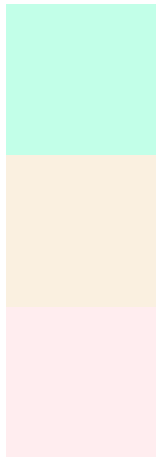


This preview shows how white text looks on a background with the Yxy color 88.8155, 0.2891, 0.3538.

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

88.8155, 0.2891, 0.3538

Protanopia

88.0260, 0.3294, 0.3450

Deuteranopia

88.0604, 0.3235, 0.3271



Tritanopia

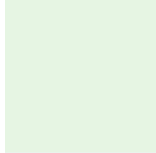
88.3721, 0.2938, 0.3188

Trichromacy



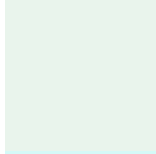
Original Color

88.8155, 0.2891, 0.3538



Protanomaly

87.6739, 0.3138, 0.3476



Deuteranomaly

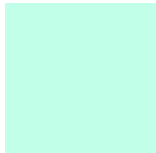
88.0811, 0.3104, 0.3371



Tritanomaly

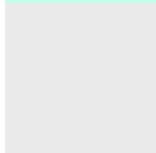
88.6129, 0.2918, 0.3310

Monochromacy



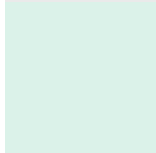
Original Color

88.8155, 0.2891, 0.3538



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.4475, 0.3033, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8155, 0.2891, 0.3538 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(194, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 232)  
}
```

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(194, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 232) }
```

Border

The CSS property to change the border of an element to Yxy 88.8155, 0.2891, 0.3538 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(194, 255, 232) }
```

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

```
.border{ border-color:rgb(194, 255, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 255, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8155, 0.2891, 0.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 255, 232) }
```

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

```
.background{ background-color: rgb(194,  
255, 232) }
```

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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