

Converting Colors

$Yxy(87.0519, 0.2877, 0.3289)$

Have a look what the booklet for
Yxy(87.0519, 0.2877, 0.3289)
contains.

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Color

Yxy(87.1775, 0.2877, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	CFF8F8
RGB	207, 248, 248
RGB Percent	81%, 97%, 97%
CMY	0.1880, 0.0275, 0.0274
CMYK	0.17, 0.00, 0.00, 0.03
HSL	180°, 75%, 89%
HSV	180°, 17%, 97%
XYZ	76.2571, 87.1775, 101.6231
YIQ	235.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

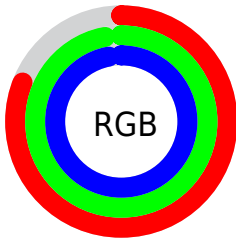
Format	Color
R_{YB}	207, 228, 248
Decimal	13629688
CIE _{Lab}	94.81, -13.04, -4.39
CIE _{LCh}	95, 13.760, 198.625
Yxy	87.1775, 0.2877, 0.3289
Android (android.graphics.Color)	4291819768 (0xFFCFF8F8)
YUV	235.7410, 6.0437, -25.2059
Hunter-Lab	93.3689, -17.6094, 0.8267

Details

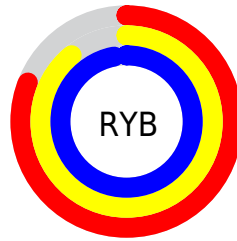
The Yxy color **87.1775, 0.2877, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.1352, 0.3443, 0.3291**, and the grayscale version is **83.6503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.1804, 0.2820, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **83.8751, 0.2739, 0.3288**, and if you desaturate by 10%, it is **91.0483, 0.3026, 0.3290**.

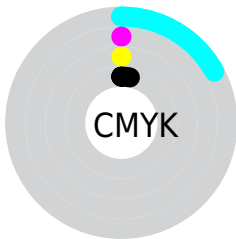
Distribution



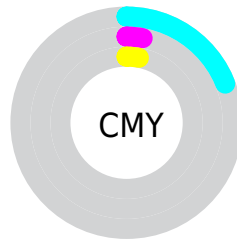
- Red (81%)
- Green (97%)
- Blue (97%)



- Red (81%)
- Yellow (89%)
- Blue (97%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)





- Cyan (19%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.1775, 0.2877, 0.3289 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 87.1775, 0.2877, 0.3289 by changing the saturation by 10% instead.


 87.1775, 0.2877,
0.3289

 87.1775, 0.2877,
0.3289


518.8060, 0.2988,
0.3291

 65.6421, 0.2853,
0.3288

143.4115, 0.2915,
0.3290

 47.9819, 0.2823,
0.3288


178.8789, 0.2930,
0.3290

 33.8126, 0.2786,
0.3286


219.7591, 0.2943,
0.3290

 22.7497, 0.2739,
0.3285

266.4365, 0.2954,
0.3290

 14.4088, 0.2677,
0.3282

319.2955, 0.2964,
0.3290

 8.4055, 0.2591,
0.3277


378.7205, 0.2973,


 4.3555, 0.2465,


0.3290


0.3268


445.0958, 0.2981,
0.3291


 1.8743, 0.2264,
0.3248


 0.5329, 0.1170,
0.3313


 87.1775, 0.2877,
0.3289


 87.1775, 0.2877,
0.3289


 83.8751, 0.2739,
0.3288


 91.0483, 0.3026,
0.3290


 81.1041, 0.2615,
0.3288


 95.1833, 0.3172,
0.3290

 78.8399, 0.2507,
0.3287


 95.1918, 0.3172,
0.3290

 77.0518, 0.2417,
0.3287


 95.2002, 0.3172,
0.3290

 75.7056, 0.2347,
0.3287

 95.2087, 0.3172,
0.3291

 74.7627, 0.2296,
0.3286


 95.2172, 0.3172,
0.3291

 74.1778, 0.2265,
0.3286

 95.2257, 0.3172,
0.3291

 73.8943, 0.2249,
0.3286

 95.2342, 0.3172,
0.3291

 73.8355, 0.2246,
0.3286

 95.2427, 0.3172,
0.3291

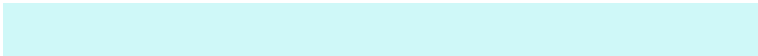
Harmonies

Analogous

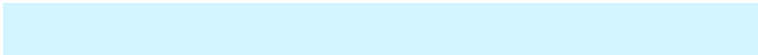
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.1775, 0.2992, 0.3430



87.1775, 0.2877, 0.3289



87.1775, 0.2828, 0.3152

Triad

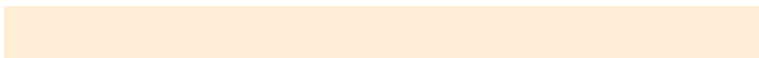
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.1775, 0.2877, 0.3289



87.1775, 0.3104, 0.3063



87.1775, 0.3403, 0.3520

Complementary

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



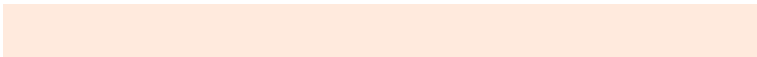
87.1775, 0.2877, 0.3289



69.1352, 0.3443, 0.3291

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.



87.1775, 0.3436, 0.3416



87.1775, 0.2877, 0.3289



87.1775, 0.3260, 0.3155

Square

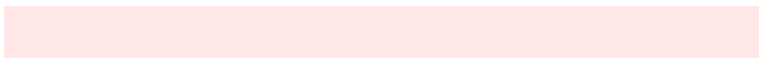
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.1775, 0.2877, 0.3289



87.1775, 0.2957, 0.3026



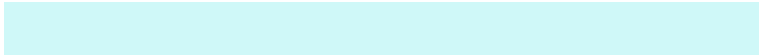
87.1775, 0.3383, 0.3283



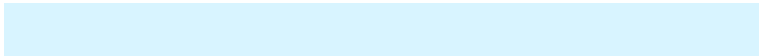
87.1775, 0.3296, 0.3565

Rectangle

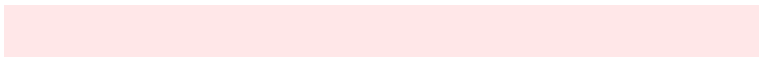
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



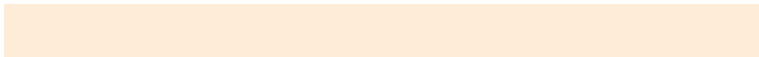
87.1775, 0.2877, 0.3289



87.1775, 0.2839, 0.3083



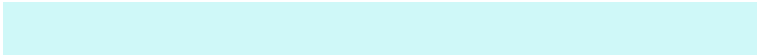
87.1775, 0.3383, 0.3283



87.1775, 0.3423, 0.3491

Sweetspot

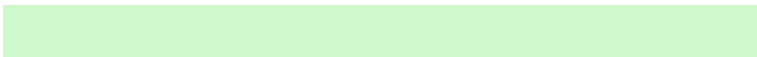
The Sweet Spot groups the original color and five complimentary colors.



87.1811, 0.2877, 0.3289



97.6570, 0.3049, 0.3290



84.9252, 0.3106, 0.3737



20.8348, 0.3038, 0.3290



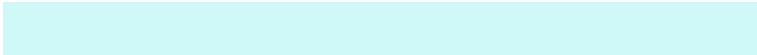
0.0000, 0.0000, 0.0000



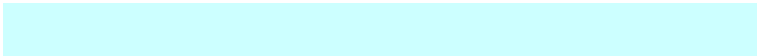
21.4041, 0.3127, 0.3290

Same Dimension

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



87.1811, 0.2877, 0.3289



91.5593, 0.2827, 0.3289



75.2862, 0.2867, 0.3070



19.6069, 0.2980, 0.3289



39.8823, 0.2246, 0.3286



3.6943, 0.2246, 0.3286

Inverse Universe

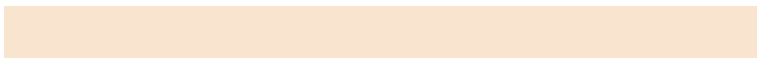
The Inverse Universe completely reimagines the original color for something new.



71.3926, 0.3147, 0.2881



71.6639, 0.3151, 0.2792



79.7002, 0.3409, 0.3501



17.5244, 0.3138, 0.3057



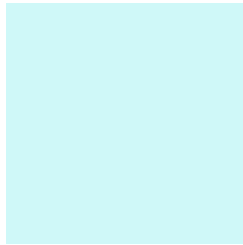
14.4370, 0.3211, 0.1542



1.3372, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 87.1775, 0.2877, 0.3289 looks on a white background.

Color Contrast Check

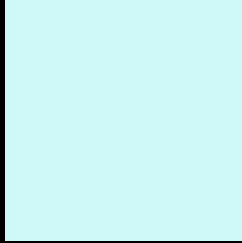
Large Text (above 18pt) WCAG AA × Fail

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 87.1775, 0.2877, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

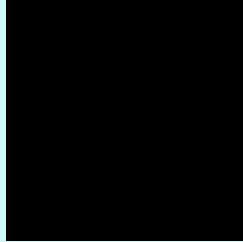
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.1775, 0.2877, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 87.1775, 0.2877, 0.3289.

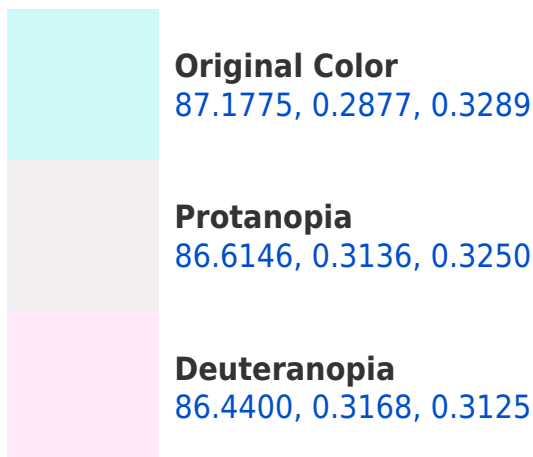


This preview shows how white text looks on a background with the Yxy color 87.1775, 0.2877, 0.3289.

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

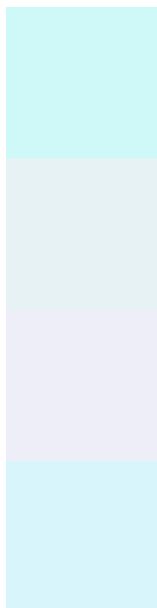




Tritanopia

87.0092, 0.2932, 0.3167

Trichromacy



Original Color

87.1775, 0.2877, 0.3289

Protanomaly

86.8589, 0.3038, 0.3269

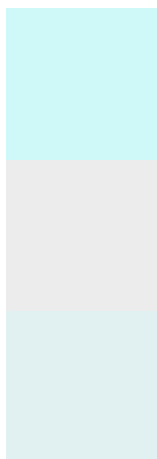
Deuteranomaly

86.1658, 0.3060, 0.3180

Tritanomaly

87.0848, 0.2913, 0.3217

Monochromacy



Original Color

87.1775, 0.2877, 0.3289

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.6190, 0.3030, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.1775, 0.2877, 0.3289 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, 248, 248)` looks like.

```
.text, #text, p{  
    color:rgb(207, 248, 248)  
}
```

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, 248, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 248, 248) }
```

Border

The CSS property to change the border of an element to Yxy 87.1775, 0.2877, 0.3289 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, 248, 248) }
```

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

```
.border{ border-color:rgb(207, 248, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 248, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 248, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 248, 248);  
box-shadow:4px 4px 4px 4px rgb(207, 248,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 87.1775, 0.2877, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 248, 248) }
```

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

```
.background{ background-color: rgb(207,  
248, 248) }
```

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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