

Converting Colors

$Yxy(87.9681, 0.2911, 0.3327)$

Have a look what the booklet for
Yxy(87.9681, 0.2911, 0.3327)
contains.

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Color

Yxy(88.0456, 0.2911, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	D2F9F5
RGB	210, 249, 245
RGB Percent	82%, 98%, 96%
CMY	0.1763, 0.0235, 0.0392
CMYK	0.16, 0.00, 0.02, 0.02
HSL	174°, 76%, 90%
HSV	174°, 16%, 98%
XYZ	76.9441, 88.0456, 99.3321
YIQ	236.8830, -21.9600, -9.5120

Conversions

Conversions Part 2

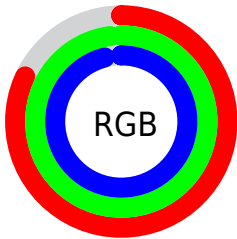
Format	Color
R _{YB}	210, 231, 249
Decimal	13826549
CIE Lab	95.18, -13.23, -2.28
CIE LCh	95, 13.424, 189.790
Yxy	88.0456, 0.2911, 0.3331
Android (android.graphics.Color)	4292016629 (0xFFD2F9F5)
YUV	236.8830, 4.0017, -23.5764
Hunter-Lab	93.8326, -17.8345, 2.9178

Details

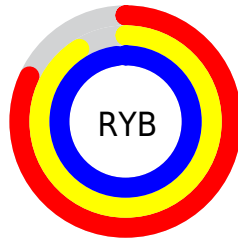
The Yxy color **88.0456, 0.2911, 0.3331** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.1072, 0.3394, 0.3250**, and the grayscale version is **84.5822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7826, 0.2863, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **84.5190, 0.2784, 0.3360**, and if you desaturate by 10%, it is **92.1503, 0.3047, 0.3304**.

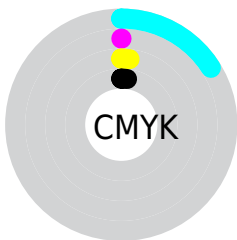
Distribution



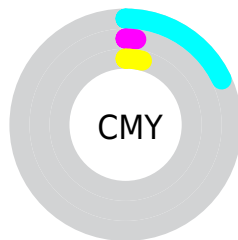
- Red (82%)
- Green (98%)
- Blue (96%)



- Red (82%)
- Yellow (91%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (18%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.0456, 0.2911, 0.3331 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 88.0456, 0.2911, 0.3331 by changing the saturation by 10% instead.

88.0456, 0.2911,
0.3331

88.0456, 0.2911,
0.3331

521.6526, 0.3007,
0.3313

66.3608, 0.2890,
0.3335

144.6206, 0.2944,
0.3325

48.5654, 0.2864,
0.3339

180.2797, 0.2957,
0.3323

34.2748, 0.2832,
0.3345

221.3657, 0.2968,
0.3321

23.1048, 0.2791,
0.3352

268.2629, 0.2978,
0.3319

14.6709, 0.2737,
0.3361

321.3558, 0.2986,
0.3317

8.5888, 0.2663,
0.3373


381.0288, 0.2994,


4.4739, 0.2553,


0.3316

447.6662, 0.3001,
0.3315


0.3389


 1.9420, 0.2377,
0.3413


 0.5735, 0.1406,
0.3630


 88.0456, 0.2911,
0.3331


 88.0456, 0.2911,
0.3331


 84.5190, 0.2784,
0.3360


 92.1503, 0.3047,
0.3304


 81.5333, 0.2668,
0.3392

 95.9175, 0.3159,
0.3279

 79.0639, 0.2567,
0.3425

 96.0785, 0.3144,
0.3255

 77.0799, 0.2483,
0.3459

 96.2288, 0.3130,
0.3233

■ 75.5472, 0.2418,
0.3494

■ 74.4273, 0.2372,
0.3530

■ 73.6752, 0.2346,
0.3566

■ 73.2350, 0.2338,
0.3601

■ 73.1047, 0.2338,
0.3616

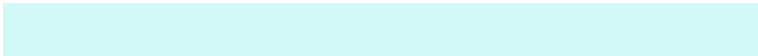
Harmonies

Analogous

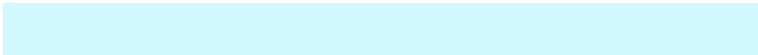
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0456, 0.3037, 0.3461



88.0456, 0.2911, 0.3331



88.0456, 0.2843, 0.3193

Triad

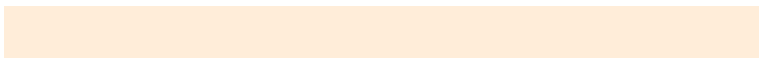
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0456, 0.2911, 0.3331



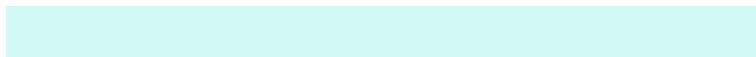
88.0456, 0.3059, 0.3052



88.0456, 0.3413, 0.3489

Complementary

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



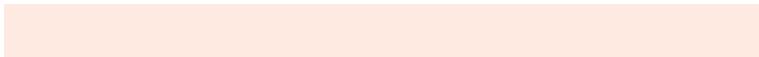
88.0456, 0.2911, 0.3331



71.1072, 0.3394, 0.3250

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.



88.0456, 0.3420, 0.3376



88.0456, 0.2911, 0.3331



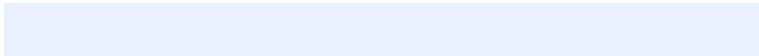
88.0456, 0.3213, 0.3128

Square

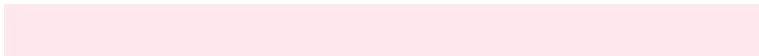
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



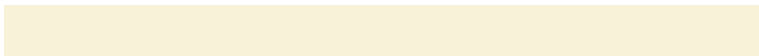
88.0456, 0.2911, 0.3331



88.0456, 0.2927, 0.3036



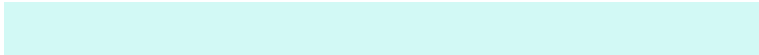
88.0456, 0.3347, 0.3245



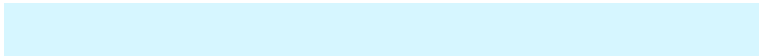
88.0456, 0.3328, 0.3552

Rectangle

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



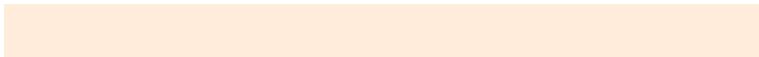
88.0456, 0.2911, 0.3331



88.0456, 0.2838, 0.3116



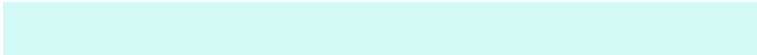
88.0456, 0.3347, 0.3245



88.0456, 0.3425, 0.3455

Sweetspot

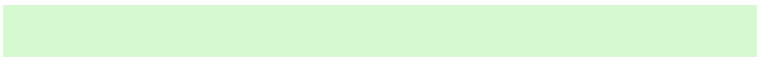
The Sweet Spot groups the original color and five complimentary colors.



88.0493, 0.2911, 0.3331



97.5778, 0.3056, 0.3302



86.7879, 0.3136, 0.3708



20.8155, 0.3046, 0.3304



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

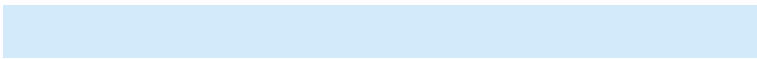
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0493, 0.2911, 0.3331



91.6255, 0.2867, 0.3341



79.4275, 0.2883, 0.3131



19.5762, 0.2994, 0.3314



39.1457, 0.2336, 0.3610



3.6341, 0.2325, 0.3568

Inverse Universe

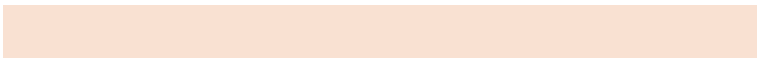
The Inverse Universe completely reimagines the original color for something new.



71.1072, 0.3394, 0.3250



70.3965, 0.3465, 0.3240



78.6293, 0.3399, 0.3444



17.2541, 0.3278, 0.3266



10.8286, 0.6283, 0.3235



1.0122, 0.6056, 0.3110

Previews

White Background



This preview shows how the Yxy color 88.0456, 0.2911, 0.3331 looks on a white background.

Color Contrast Check

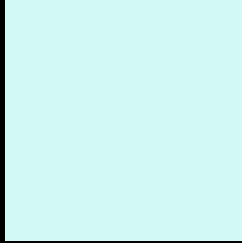
Large Text (above 18pt) WCAG AA × Fail

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 88.0456, 0.2911, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

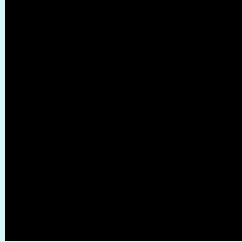
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

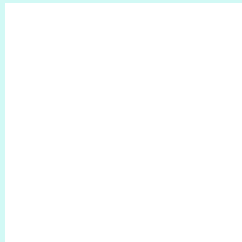
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.0456, 0.2911, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 88.0456, 0.2911, 0.3331.

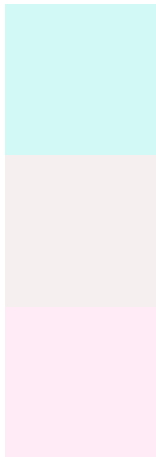


This preview shows how white text looks on a background with the Yxy color 88.0456, 0.2911, 0.3331.

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

88.0456, 0.2911, 0.3331

Protanopia

87.4368, 0.3161, 0.3280

Deuteranopia

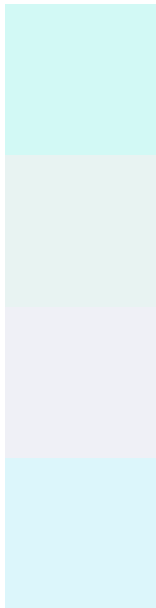
87.3305, 0.3192, 0.3183



Tritanopia

88.0901, 0.2950, 0.3178

Trichromacy



Original Color

88.0456, 0.2911, 0.3331

Protanomaly

87.6678, 0.3062, 0.3300

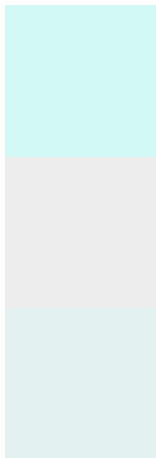
Deuteranomaly

87.3247, 0.3084, 0.3230

Tritanomaly

88.0922, 0.2937, 0.3238

Monochromacy



Original Color

88.0456, 0.2911, 0.3331

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.5328, 0.3043, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0456, 0.2911, 0.3331 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(210, 249, 245)` looks like.

```
.text, #text, p{  
    color:rgb(210, 249, 245)  
}
```

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(210, 249, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 249, 245) }
```

Border

The CSS property to change the border of an element to Yxy 88.0456, 0.2911, 0.3331 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(210, 249, 245) }
```

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

```
.border{ border-color:rgb(210, 249, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 249, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 249, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 249, 245);  
box-shadow:4px 4px 4px 4px rgb(210, 249,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0456, 0.2911, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 249, 245) }
```

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

```
.background{ background-color: rgb(210,  
249, 245) }
```

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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