

Converting Colors

Yxy(86.7538, 0.2853, 0.3340)

Have a look what the booklet for
Yxy(86.7538, 0.2853, 0.3340)
contains.

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Color

Yxy(86.6233, 0.2853, 0.3332)

Conversions

Conversions Part 1

Format	Color
Hex	C8F9F5
RGB	200, 249, 245
RGB Percent	78%, 98%, 96%
CMY	0.2157, 0.0235, 0.0393
CMYK	0.20, 0.00, 0.02, 0.02
HSL	175°, 80%, 88%
HSV	175°, 20%, 98%
XYZ	74.1706, 86.6233, 99.1800
YIQ	233.8930, -27.9200, -11.6320

Conversions

Conversions Part 2

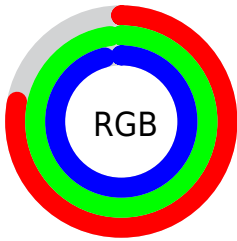
Format	Color
R _Y B	200, 226, 249
Decimal	13171189
CIE Lab	94.58, -16.30, -3.22
CIE LCh	95, 16.617, 191.178
Yxy	86.6233, 0.2853, 0.3332
Android (android.graphics.Color)	4291361269 (0xFFC8F9F5)
YUV	233.8930, 5.4758, -29.7242
Hunter-Lab	93.0716, -20.6253, 1.9689

Details

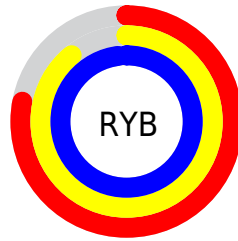
The Yxy color **86.6233, 0.2853, 0.3332** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.8039, 0.3487, 0.3249**, and the grayscale version is **82.1671, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.3931, 0.2791, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **83.3489, 0.2728, 0.3356**, and if you desaturate by 10%, it is **90.4646, 0.2989, 0.3310**.

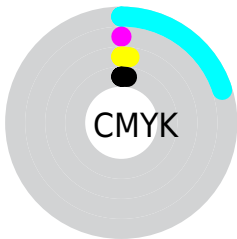
Distribution



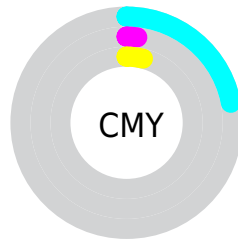
- Red (78%)
- Green (98%)
- Blue (96%)



- Red (78%)
- Yellow (89%)
- Blue (98%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)





- Cyan (22%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.6233, 0.2853, 0.3332 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 86.6233, 0.2853, 0.3332 by changing the saturation by 10% instead.

 86.6233, 0.2853,
0.3332

 86.6233, 0.2853,
0.3332


516.9842, 0.2975,
0.3314

 65.1835, 0.2826,
0.3336


142.6390, 0.2895,
0.3326

 47.6099, 0.2793,
0.3340


177.9836, 0.2911,
0.3324

 33.5181, 0.2753,
0.3345


218.7321, 0.2925,
0.3322

 22.5236, 0.2701,
0.3352

265.2686, 0.2938,
0.3320

 14.2421, 0.2632,
0.3360

317.9777, 0.2949,
0.3318

 8.2893, 0.2537,
0.3371


377.2438, 0.2959,


 4.2806, 0.2398,


0.3317


443.4511, 0.2967,
0.3315


0.3384


 1.8317, 0.2175,
0.3401


 0.5068, 0.0613,
0.3706


 86.6233, 0.2853,
0.3332


 86.6233, 0.2853,
0.3332


 83.3489, 0.2728,
0.3356


 90.4646, 0.2989,
0.3310


 80.6036, 0.2616,
0.3382

 94.8871, 0.3132,
0.3289

 78.3619, 0.2520,
0.3408

 95.9909, 0.3153,
0.3270

 76.5915, 0.2442,
0.3436

 96.1208, 0.3141,
0.3250

■ 75.2568, 0.2383,
0.3464

■ 96.2381, 0.3130,
0.3233

■ 74.3170, 0.2345,
0.3493

■ 73.7233, 0.2324,
0.3521

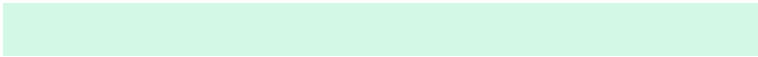
■ 73.3982, 0.2319,
0.3548

■ 73.3896, 0.2319,
0.3549

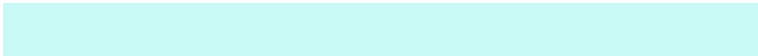
Harmonies

Analogous

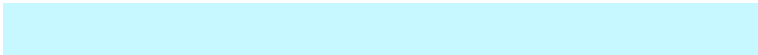
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.6233, 0.3006, 0.3498



86.6233, 0.2853, 0.3332



86.6233, 0.2773, 0.3160

Triad

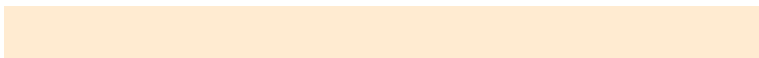
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.6233, 0.2853, 0.3332



86.6233, 0.3051, 0.2999



86.6233, 0.3481, 0.3541

Complementary

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



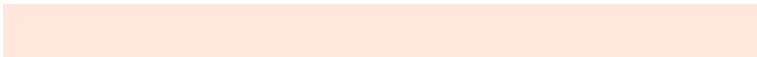
86.6233, 0.2853, 0.3332



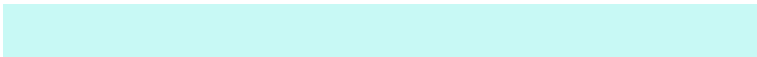
65.8039, 0.3487, 0.3249

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.



86.6233, 0.3495, 0.3402



86.6233, 0.2853, 0.3332



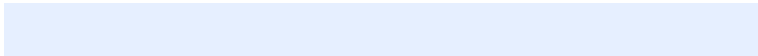
86.6233, 0.3243, 0.3095

Square

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



86.6233, 0.2853, 0.3332



86.6233, 0.2884, 0.2974



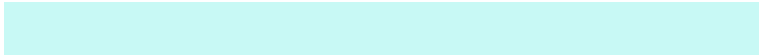
86.6233, 0.3407, 0.3241



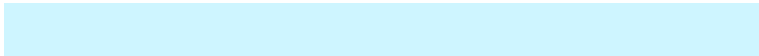
86.6233, 0.3369, 0.3618

Rectangle

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



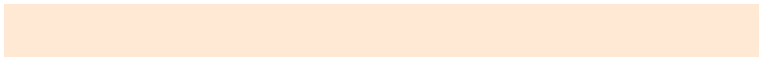
86.6233, 0.2853, 0.3332



86.6233, 0.2770, 0.3066



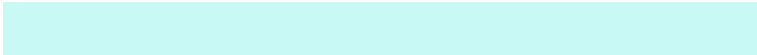
86.6233, 0.3407, 0.3241



86.6233, 0.3497, 0.3500

Sweetspot

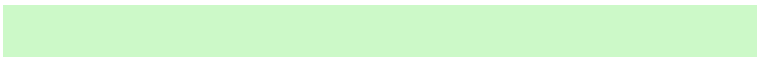
The Sweet Spot groups the original color and five complimentary colors.



86.6269, 0.2853, 0.3332



97.1321, 0.3041, 0.3302



84.7750, 0.3127, 0.3830



20.7264, 0.3031, 0.3303



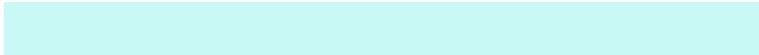
0.0000, 0.0000, 0.0000



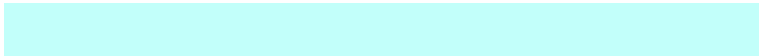
21.4041, 0.3127, 0.3290

Same Dimension

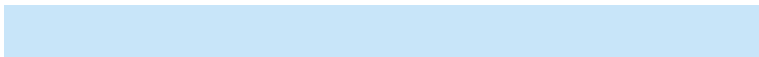
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.6269, 0.2853, 0.3332



89.8631, 0.2797, 0.3342



74.9261, 0.2818, 0.3068



19.5825, 0.2991, 0.3309



39.2906, 0.2318, 0.3545



3.6461, 0.2309, 0.3511

Inverse Universe

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



65.8039, 0.3487, 0.3249



63.8703, 0.3590, 0.3239



75.7145, 0.3478, 0.3502



17.2484, 0.3281, 0.3271



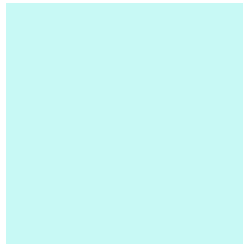
10.8165, 0.6312, 0.3251



1.0095, 0.6120, 0.3145

Previews

White Background



This preview shows how the Yxy color 86.6233, 0.2853, 0.3332 looks on a white background.

Color Contrast Check

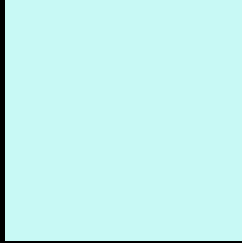
Large Text (above 18pt) WCAG AA × Fail

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 86.6233, 0.2853, 0.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

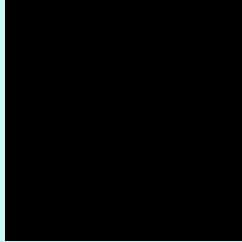
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

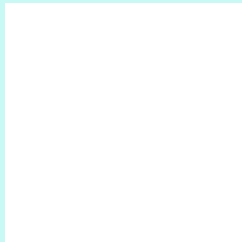
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.6233, 0.2853, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 86.6233, 0.2853, 0.3332.

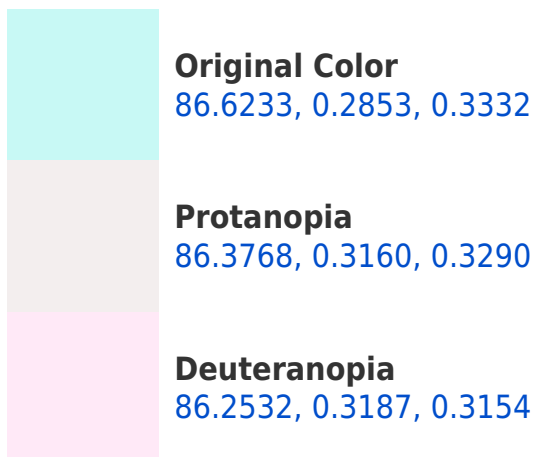


This preview shows how white text looks on a background with the Yxy color 86.6233, 0.2853, 0.3332.

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

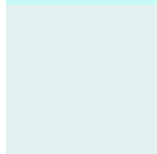
86.3813, 0.2907, 0.3167

Trichromacy



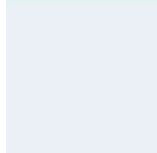
Original Color

86.6233, 0.2853, 0.3332



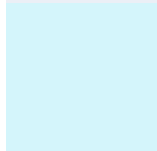
Protanomaly

86.1860, 0.3037, 0.3300



Deuteranomaly

86.0490, 0.3059, 0.3219



Tritanomaly

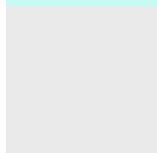
86.2669, 0.2888, 0.3227

Monochromacy



Original Color

86.6233, 0.2853, 0.3332



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

83.4356, 0.3023, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.6233, 0.2853, 0.3332 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(200, 249, 245)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 249, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 249, 245) }
```

Border

The CSS property to change the border of an element to Yxy 86.6233, 0.2853, 0.3332 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(200, 249, 245) }
```

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

```
.border{ border-color:rgb(200, 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(200, 249, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 249, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 249, 245);  
box-shadow:4px 4px 4px 4px rgb(200, 249,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 86.6233, 0.2853, 0.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 249, 245) }
```

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

```
.background{ background-color: rgb(200,  
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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