

Converting Colors

$Yxy(86.1650, 0.2996, 0.3327)$

Have a look what the booklet for
Yxy(86.1650, 0.2996, 0.3327)
contains.

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Color

Yxy(86.2083, 0.2998, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	DCF4F0
RGB	220, 244, 240
RGB Percent	86%, 96%, 94%
CMY	0.1374, 0.0431, 0.0587
CMYK	0.10, 0.00, 0.02, 0.04
HSL	170°, 52%, 91%
HSV	170°, 10%, 96%
XYZ	77.5901, 86.2083, 95.0077
YIQ	236.3680, -13.0200, -6.3320

Conversions

Conversions Part 2

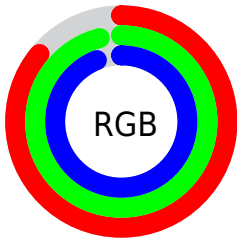
Format	Color
R _Y B	220, 233, 244
Decimal	14480624
CIE Lab	94.40, -8.57, -0.77
CIE LCh	94, 8.606, 185.123
Yxy	86.2083, 0.2998, 0.3331
Android (android.graphics.Color)	4292670704 (0xFFDCF4F0)
YUV	236.3680, 1.7906, -14.3547
Hunter-Lab	92.8484, -13.3188, 4.3251

Details

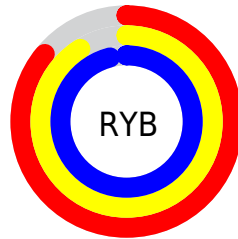
The Yxy color **86.2083, 0.2998, 0.3331** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.7857, 0.3273, 0.3249**, and the grayscale version is **84.1706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4265, 0.2971, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **82.4412, 0.2873, 0.3377**, and if you desaturate by 10%, it is **90.5437, 0.3129, 0.3289**.

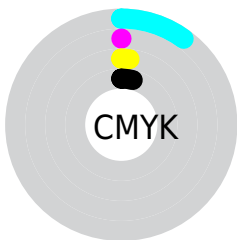
Distribution



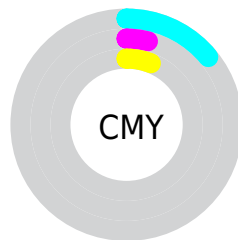
- Red (86%)
- Green (96%)
- Blue (94%)



- Red (86%)
- Yellow (91%)
- Blue (96%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)




- Cyan (14%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.2083, 0.2998, 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 86.2083, 0.2998, 0.3331 by changing the saturation by 10% instead.


 86.2083, 0.2998,
0.3331

 86.2083, 0.2998,
0.3331

515.6178, 0.3056,
0.3313

 64.8402, 0.2985,
0.3335

142.0601, 0.3018,
0.3325

 47.3315, 0.2970,
0.3340


177.3127, 0.3026,
0.3322

 33.2978, 0.2950,
0.3346


217.9622, 0.3032,
0.3320

 22.3547, 0.2925,
0.3354

264.3930, 0.3038,
0.3318

 14.1178, 0.2892,
0.3364

316.9896, 0.3043,
0.3317

 8.2026, 0.2845,
0.3378

376.1364, 0.3048,

 4.2249, 0.2777,

0.3315

0.3399

442.2176, 0.3052,
0.3314

■ 1.8001, 0.2663,
0.3433

■ 0.4873, 0.1916,
0.3676

■ 86.2083, 0.2998,
0.3331

■ 86.2083, 0.2998,
0.3331

■ 82.4412, 0.2873,
0.3377

■ 90.5437, 0.3129,
0.3289

■ 79.2075, 0.2757,
0.3426

■ 92.7524, 0.3174,
0.3251

■ 76.4851, 0.2654,
0.3479

■ 93.0064, 0.3149,
0.3212

■ 74.2460, 0.2565,
0.3535

■ 93.1880, 0.3132,
0.3185

■ 72.4596, 0.2493,
0.3593

■ 71.0920, 0.2441,
0.3653

■ 70.1041, 0.2409,
0.3713

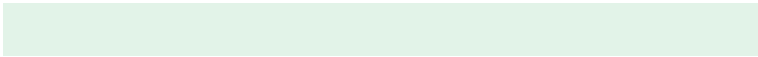
■ 69.4495, 0.2395,
0.3773

■ 69.0520, 0.2398,
0.3832

Harmonies

Analogous

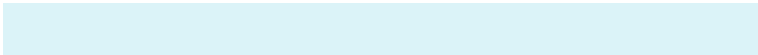
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.2083, 0.3084, 0.3410



86.2083, 0.2998, 0.3331



86.2083, 0.2946, 0.3242

Triad

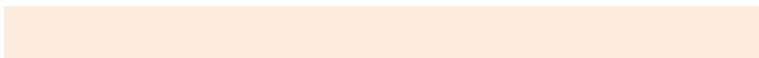
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.2083, 0.2998, 0.3331



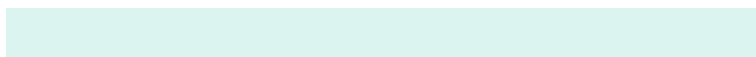
86.2083, 0.3069, 0.3130



86.2083, 0.3316, 0.3410

Complementary

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



86.2083, 0.2998, 0.3331



75.7857, 0.3273, 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.



86.2083, 0.3312, 0.3334



86.2083, 0.2998, 0.3331



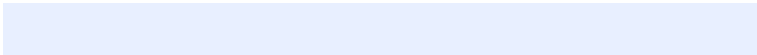
86.2083, 0.3168, 0.3174

Square

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



86.2083, 0.2998, 0.3331



86.2083, 0.2987, 0.3127



86.2083, 0.3257, 0.3248



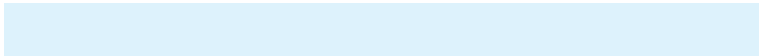
86.2083, 0.3268, 0.3455

Rectangle

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



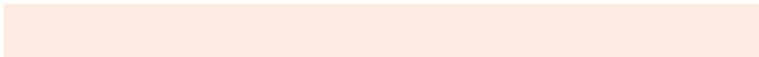
86.2083, 0.2998, 0.3331



86.2083, 0.2938, 0.3189



86.2083, 0.3257, 0.3248



86.2083, 0.3320, 0.3387

Sweetspot

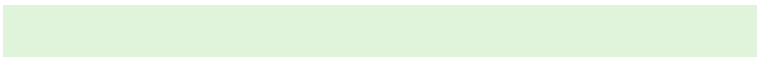
The Sweet Spot groups the original color and five complimentary colors.



86.2119, 0.2998, 0.3331



98.4964, 0.3087, 0.3302



85.7175, 0.3141, 0.3543



20.9984, 0.3077, 0.3305



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.



86.2119, 0.2998, 0.3331



94.3289, 0.2970, 0.3341



81.7330, 0.2974, 0.3206



18.7079, 0.3003, 0.3329



37.5576, 0.2395, 0.3823



3.3132, 0.2375, 0.3748

Inverse Universe

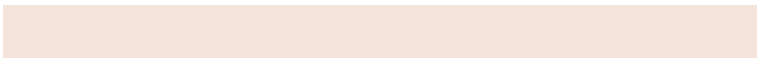
The Inverse Universe completely reimagines the original color for something new.



75.7857, 0.3273, 0.3249



80.4701, 0.3310, 0.3240



79.8790, 0.3292, 0.3373



16.5273, 0.3268, 0.3251



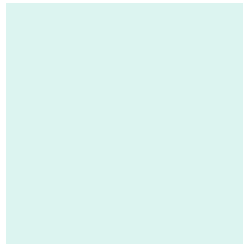
10.5561, 0.6160, 0.3167



0.9405, 0.5847, 0.2995

Previews

White Background



This preview shows how the Yxy color 86.2083, 0.2998, 0.3331 looks on a white background.

Color Contrast Check

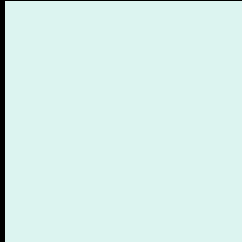
Large Text (above 18pt) WCAG AA × Fail

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 86.2083, 0.2998, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

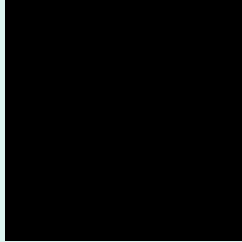
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

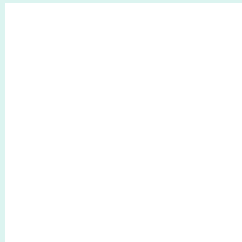
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.2083, 0.2998, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 86.2083, 0.2998, 0.3331.

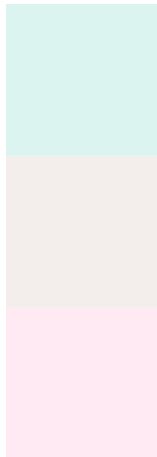


This preview shows how white text looks on a background with the Yxy color 86.2083, 0.2998, 0.3331.

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

86.2083, 0.2998, 0.3331

Protanopia

85.6792, 0.3173, 0.3300

Deuteranopia

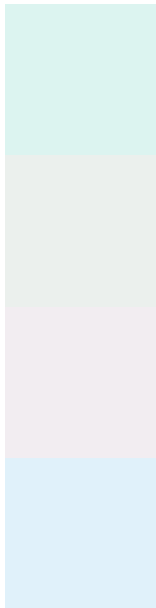
85.9486, 0.3219, 0.3202



Tritanopia

85.8711, 0.2956, 0.3138

Trichromacy



Original Color

86.2083, 0.2998, 0.3331

Protanomaly

86.0968, 0.3113, 0.3320

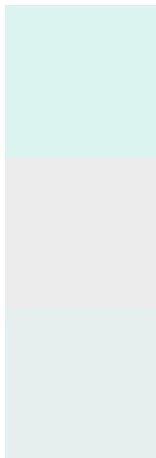
Deuteranomaly

85.7965, 0.3136, 0.3250

Tritanomaly

85.6600, 0.2966, 0.3197

Monochromacy



Original Color

86.2083, 0.2998, 0.3331

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.6704, 0.3080, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.2083, 0.2998, 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(220, 244, 240)` looks like.

```
.text, #text, p{  
    color:rgb(220, 244, 240)  
}
```

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(220, 244, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 244, 240) }
```

Border

The CSS property to change the border of an element to Yxy 86.2083, 0.2998, 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(220, 244, 240) }
```

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

```
.border{ border-color:rgb(220, 244, 240) }
```

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

Here you see how a box with a 4 pixel rgb(220, 244, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 244, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 244, 240);  
box-shadow:4px 4px 4px 4px rgb(220, 244,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 86.2083, 0.2998, 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(220, 244, 240) }
```

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

```
.background{ background-color: rgb(220,  
244, 240) }
```

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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