

Converting Colors

Yxy(86.9504, 0.2972, 0.3293)

Have a look what the booklet for
Yxy(86.9504, 0.2972, 0.3293)
contains.

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Color

Yxy(87.0521, 0.2976, 0.3300)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DCF5F4 |
| RGB | 220, 245, 244 |
| RGB Percent | 86%, 96%, 96% |
| CMY | 0.1371, 0.0392, 0.0432 |
| CMYK | 0.10, 0.00, 0.00, 0.04 |
| HSL | 178°, 55%, 91% |
| HSV | 178°, 10%, 96% |
| XYZ | 78.5052, 87.0521, 98.2370 |
| YIQ | 237.4110, -14.5790, -5.6110 |

Conversions

Conversions Part 2

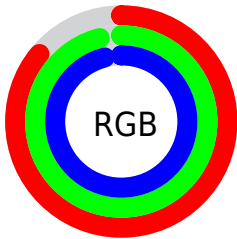
| Format | Color |
|-------------------------------------|--|
| R_{YB} | 220, 233, 245 |
| Decimal | 14480884 |
| CIE _{Lab} | 94.76, -8.29, -2.29 |
| CIE _{LCh} | 95, 8.600, 195.449 |
| Yxy | 87.0521, 0.2976, 0.3300 |
| Android (android.graphics.Color) | 4292670964 (0xFFDC _F 5 _F 4) |
| YUV | 237.4110, 3.2484, -15.2694 |
| Hunter-Lab | 93.3017, -13.0860, 2.8850 |

Details

The Yxy color **87.0521, 0.2976, 0.3300** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.8483, 0.3301, 0.3280**, and the grayscale version is **85.0116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.0254, 0.2943, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **83.4476, 0.2836, 0.3311**, and if you desaturate by 10%, it is **91.2245, 0.3124, 0.3290**.

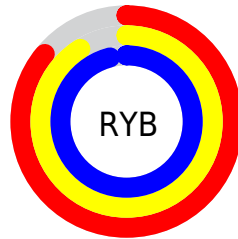
Distribution



Red (86%)

Green (96%)

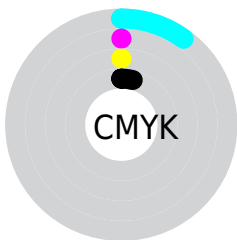
Blue (96%)



Red (86%)

Yellow (91%)

Blue (96%)

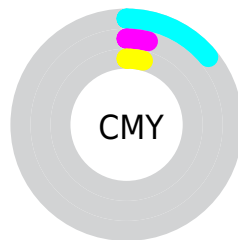


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (14%)


Magenta (4%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.0521, 0.2976, 0.3300 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 87.0521, 0.2976, 0.3300 by changing the saturation by 10% instead.

 87.0521, 0.2976,
0.3300

 87.0521, 0.2976,
0.3300

518.3941, 0.3044,
0.3296

 65.5383, 0.2961,
0.3301

143.2368, 0.2999,
0.3299

 47.8977, 0.2943,
0.3302


178.6764, 0.3008,
0.3298

 33.7459, 0.2920,
0.3303


219.5268, 0.3016,
0.3298

 22.6985, 0.2891,
0.3304

266.1724, 0.3023,
0.3297

 14.3710, 0.2853,
0.3306

318.9975, 0.3029,
0.3297

 8.3792, 0.2800,
0.3308

378.3866, 0.3034,

 4.3385, 0.2722,

0.3297

0.3310

444.7239, 0.3039,
0.3296

■ 1.8647, 0.2594,
0.3312

■ 0.5270, 0.1914,
0.3379

■ 87.0521, 0.2976,
0.3300

■ 87.0521, 0.2976,
0.3300

■ 83.4476, 0.2836,
0.3311

■ 91.2245, 0.3124,
0.3290

■ 80.3757, 0.2707,
0.3322


■ 93.2138, 0.3186,
0.3281


■ 77.8140, 0.2592,
0.3335


■ 93.2751, 0.3180,
0.3271


■ 75.7344, 0.2494,
0.3348


■ 93.3367, 0.3174,
0.3262


 74.1059, 0.2414,
0.3361


 93.3986, 0.3168,
0.3252

 72.8939, 0.2353,
0.3374


 93.4609, 0.3162,
0.3242


 72.0589, 0.2312,
0.3388

 93.5235, 0.3156,
0.3233

 71.5538, 0.2290,
0.3401

 93.5864, 0.3150,
0.3223

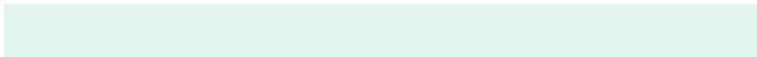
 71.3023, 0.2282,
0.3414

 93.6496, 0.3144,
0.3214

Harmonies

Analogous

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



87.0521, 0.3052, 0.3385



87.0521, 0.2976, 0.3300



87.0521, 0.2940, 0.3213

Triad

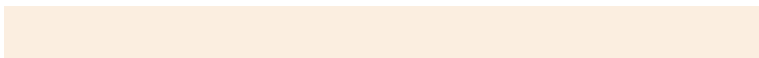
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.0521, 0.2976, 0.3300



87.0521, 0.3103, 0.3142



87.0521, 0.3304, 0.3429

Complementary

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



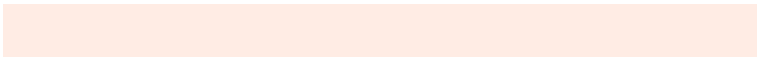
87.0521, 0.2976, 0.3300



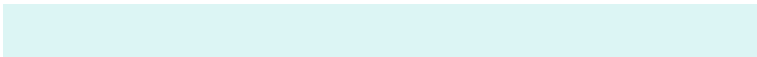
75.8483, 0.3301, 0.3280

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.



87.0521, 0.3318, 0.3362



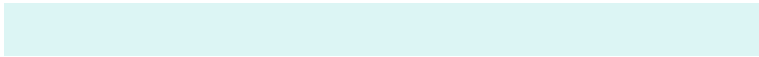
87.0521, 0.2976, 0.3300



87.0521, 0.3201, 0.3198

Square

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



87.0521, 0.2976, 0.3300



87.0521, 0.3012, 0.3124



87.0521, 0.3280, 0.3278



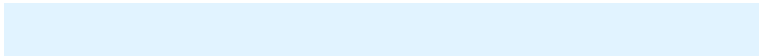
87.0521, 0.3242, 0.3460

Rectangle

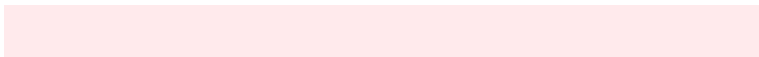
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



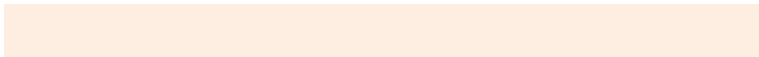
87.0521, 0.2976, 0.3300



87.0521, 0.2943, 0.3167



87.0521, 0.3280, 0.3278



87.0521, 0.3315, 0.3410

Sweetspot

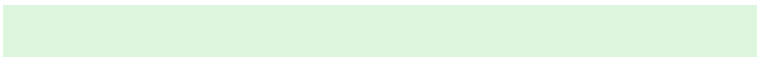
The Sweet Spot groups the original color and five complimentary colors.



87.0558, 0.2976, 0.3300



98.5579, 0.3082, 0.3293



85.8906, 0.3123, 0.3553



21.0150, 0.3070, 0.3294



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.



87.0558, 0.2976, 0.3300



94.5715, 0.2949, 0.3302



80.5305, 0.2969, 0.3172



18.7455, 0.2986, 0.3299



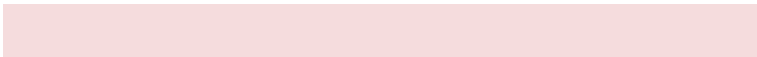
38.4191, 0.2281, 0.3412



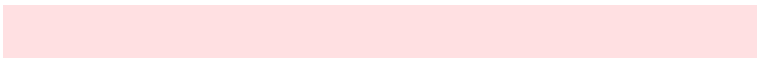
3.3802, 0.2277, 0.3395

Inverse Universe

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



75.8483, 0.3301, 0.3280



80.2580, 0.3336, 0.3278



81.8877, 0.3295, 0.3405



16.4934, 0.3287, 0.3281



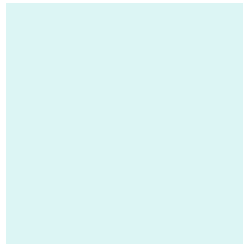
10.4745, 0.6358, 0.3276



0.9244, 0.6252, 0.3218

Previews

White Background



This preview shows how the Yxy color 87.0521, 0.2976, 0.3300 looks on a white background.

Color Contrast Check

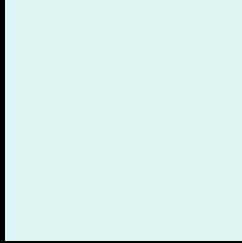
Large Text (above 18pt) WCAG AA × Fail

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 87.0521, 0.2976, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

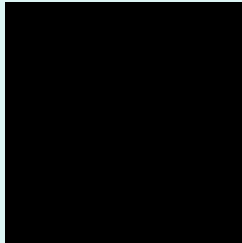
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

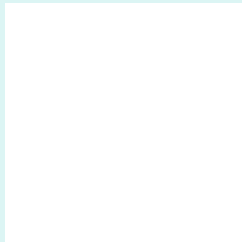
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.0521, 0.2976, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 87.0521, 0.2976, 0.3300.

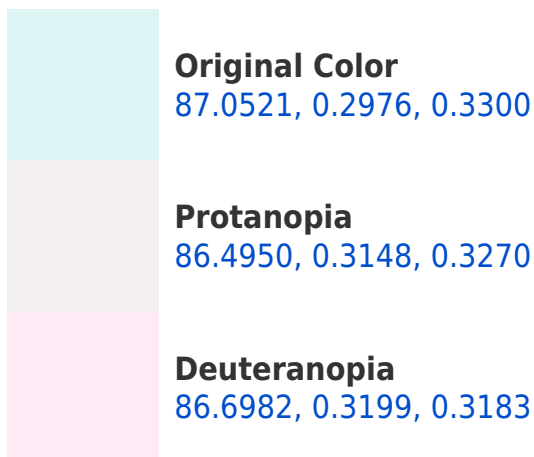


This preview shows how white text looks on a background with the Yxy color 87.0521, 0.2976, 0.3300.

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

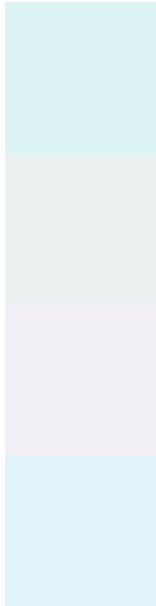




Tritanopia

86.6246, 0.2962, 0.3148

Trichromacy



Original Color

87.0521, 0.2976, 0.3300

Protanomaly

86.9236, 0.3088, 0.3290

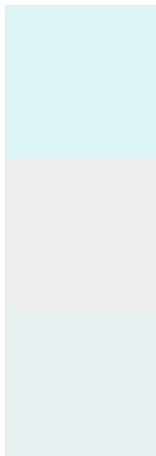
Deuteranomaly

86.6189, 0.3111, 0.3220

Tritanomaly

86.4768, 0.2966, 0.3198

Monochromacy



Original Color

87.0521, 0.2976, 0.3300

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.6004, 0.3069, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.0521, 0.2976, 0.3300 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, 245, 244)` looks like.

```
.text, #text, p{  
    color:rgb(220, 245, 244)  
}
```

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, 245, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 245, 244) }
```

Border

The CSS property to change the border of an element to Yxy 87.0521, 0.2976, 0.3300 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, 245, 244) }
```

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

```
.border{ border-color:rgb(220, 245, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 245, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 245, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 245, 244);  
box-shadow:4px 4px 4px 4px rgb(220, 245,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 87.0521, 0.2976, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 245, 244) }
```

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

```
.background{ background-color: rgb(220,  
245, 244) }
```

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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