

Converting Colors

$Y_{xy}(85.8805, 0.2950, 0.3314)$

Have a look what the booklet for
Yxy(85.8805, 0.2950, 0.3314)
contains.

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Color

Yxy(86.0118, 0.2950, 0.3321)

Conversions

Conversions Part 1

Format	Color
Hex	D6F5F2
RGB	214, 245, 242
RGB Percent	84%, 96%, 95%
CMY	0.1609, 0.0392, 0.0510
CMYK	0.13, 0.00, 0.01, 0.04
HSL	174°, 61%, 90%
HSV	174°, 13%, 96%
XYZ	76.4031, 86.0118, 96.5787
YIQ	235.3890, -17.5130, -7.5050

Conversions

Conversions Part 2

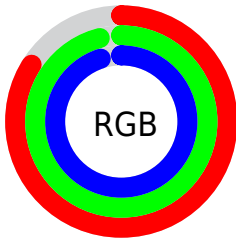
Format	Color
R _Y B	214, 230, 245
Decimal	14087666
CIE Lab	94.32, -10.60, -1.96
CIE LCh	94, 10.784, 190.476
Yxy	86.0118, 0.2950, 0.3321
Android (android.graphics.Color)	4292277746 (0xFFD6F5F2)
YUV	235.3890, 3.2592, -18.7582
Hunter-Lab	92.7425, -15.2476, 3.1773

Details

The Yxy color **86.0118, 0.2950, 0.3321** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.4999, 0.3337, 0.3259**, and the grayscale version is **83.3723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.3113, 0.2911, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **82.4607, 0.2819, 0.3348**, and if you desaturate by 10%, it is **90.1264, 0.3089, 0.3296**.

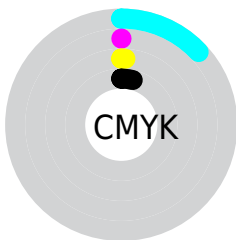
Distribution



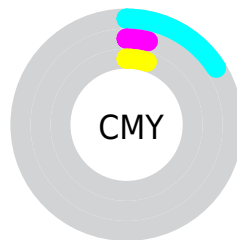
- Red (84%)
- Green (96%)
- Blue (95%)



- Red (84%)
- Yellow (90%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)





- Cyan (16%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.0118, 0.2950, 0.3321 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 86.0118, 0.2950, 0.3321 by changing the saturation by 10% instead.


 86.0118, 0.2950,
0.3321

 86.0118, 0.2950,
0.3321


514.9701, 0.3029,
0.3308

 64.6777, 0.2932,
0.3324


141.7860, 0.2977,
0.3316

 47.1998, 0.2911,
0.3327

176.9948, 0.2988,
0.3315

 33.1936, 0.2884,
0.3332


217.5974, 0.2997,
0.3313

 22.2748, 0.2850,
0.3337

263.9782, 0.3005,
0.3312

 14.0590, 0.2805,
0.3344

316.5214, 0.3012,
0.3311

 8.1617, 0.2742,
0.3353

375.6115, 0.3019,

 4.1986, 0.2649,

0.3309

441.6330, 0.3024,
0.3308

0.3366

■ 1.7853, 0.2497,
0.3386

■ 0.4780, 0.1468,
0.3591

■ 86.0118, 0.2950,
0.3321

■ 86.0118, 0.2950,
0.3321

■ 82.4607, 0.2819,
0.3348

■ 90.1264, 0.3089,
0.3296

■ 79.4376, 0.2699,
0.3377

■ 93.2739, 0.3181,
0.3273

■ 76.9196, 0.2593,
0.3408


■ 93.4214, 0.3167,
0.3251


■ 74.8778, 0.2503,
0.3440


■ 93.5709, 0.3153,
0.3228


 73.2804, 0.2432,
0.3473


 93.7223, 0.3138,
0.3205

 72.0918, 0.2380,
0.3507

 93.7935, 0.3132,
0.3195

 71.2710, 0.2348,
0.3541

 70.7680, 0.2334,
0.3574

 70.5464, 0.2333,
0.3598

Harmonies

Analogous

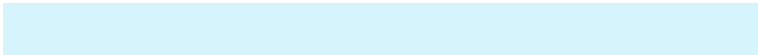
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0118, 0.3052, 0.3426



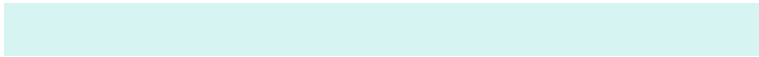
86.0118, 0.2950, 0.3321



86.0118, 0.2895, 0.3210

Triad

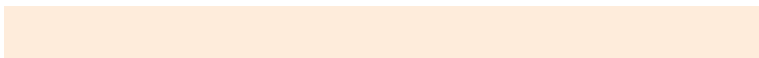
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0118, 0.2950, 0.3321



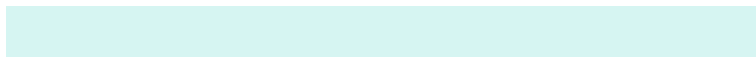
86.0118, 0.3076, 0.3097



86.0118, 0.3358, 0.3453

Complementary

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



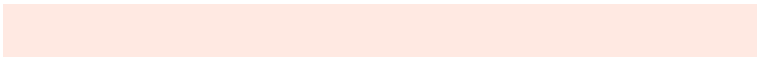
86.0118, 0.2950, 0.3321



72.4999, 0.3337, 0.3259

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.



86.0118, 0.3365, 0.3363



86.0118, 0.2950, 0.3321



86.0118, 0.3200, 0.3160

Square

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



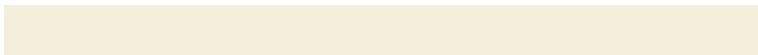
86.0118, 0.2950, 0.3321



86.0118, 0.2967, 0.3083



86.0118, 0.3307, 0.3256



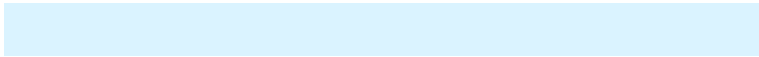
86.0118, 0.3288, 0.3502

Rectangle

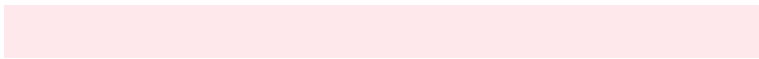
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



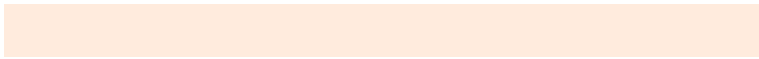
86.0118, 0.2950, 0.3321



86.0118, 0.2893, 0.3148



86.0118, 0.3307, 0.3256



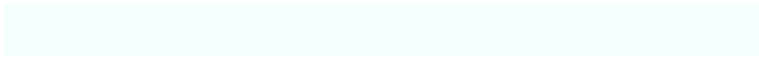
86.0118, 0.3367, 0.3427

Sweetspot

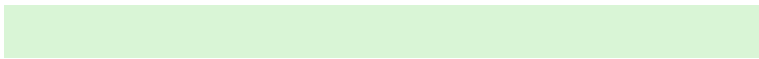
The Sweet Spot groups the original color and five complimentary colors.



86.0154, 0.2950, 0.3321



98.0529, 0.3070, 0.3299



84.9294, 0.3132, 0.3622



20.9114, 0.3059, 0.3301



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.



86.0154, 0.2950, 0.3321



93.2166, 0.2918, 0.3327



78.9334, 0.2930, 0.3158



18.7285, 0.2994, 0.3313



38.0113, 0.2331, 0.3593



3.3487, 0.2320, 0.3551

Inverse Universe

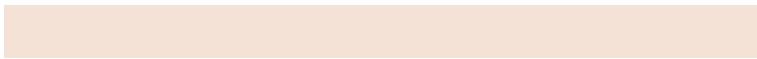
The Inverse Universe completely reimagines the original color for something new.



72.4999, 0.3337, 0.3259



75.9488, 0.3383, 0.3253



78.8710, 0.3341, 0.3418



16.5086, 0.3278, 0.3267



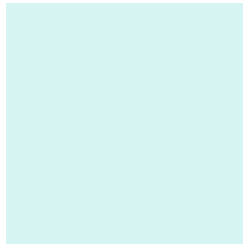
10.5018, 0.6290, 0.3239



0.9316, 0.6060, 0.3112

Previews

White Background



This preview shows how the Yxy color 86.0118, 0.2950, 0.3321 looks on a white background.

Color Contrast Check

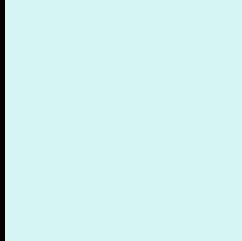
Large Text (above 18pt) WCAG AA × Fail

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 86.0118, 0.2950, 0.3321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

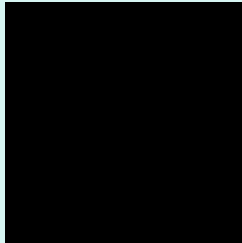
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

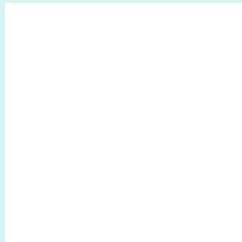
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.0118, 0.2950, 0.3321

Background



This preview shows how black text looks on a background with the Yxy color 86.0118, 0.2950, 0.3321.



This preview shows how white text looks on a background with the Yxy color 86.0118, 0.2950, 0.3321.

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

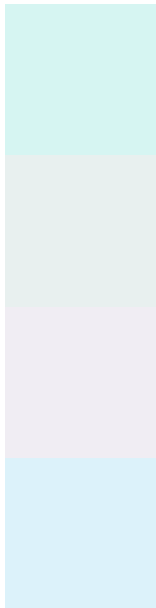




Tritanopia

85.9779, 0.2937, 0.3147

Trichromacy



Original Color

86.0118, 0.2950, 0.3321

Protanomaly

85.7080, 0.3081, 0.3300

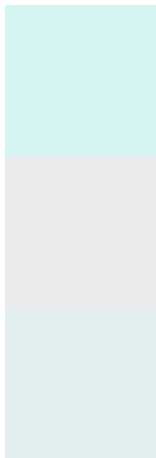
Deuteranomaly

85.5647, 0.3110, 0.3230

Tritanomaly

85.6220, 0.2941, 0.3207

Monochromacy



Original Color

86.0118, 0.2950, 0.3321

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

84.2369, 0.3055, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0118, 0.2950, 0.3321 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(214, 245, 242)` looks like.

```
.text, #text, p{  
    color:rgb(214, 245, 242)  
}
```

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(214, 245, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 245, 242) }
```

Border

The CSS property to change the border of an element to Yxy 86.0118, 0.2950, 0.3321 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(214, 245, 242) }
```

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

```
.border{ border-color:rgb(214, 245, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 245, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 245, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 245, 242);  
box-shadow:4px 4px 4px 4px rgb(214, 245,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0118, 0.2950, 0.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 245, 242) }
```

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

```
.background{ background-color: rgb(214,  
245, 242) }
```

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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