

Converting Colors

$Yxy(85.9431, 0.2944, 0.3302)$

Have a look what the booklet for
Yxy(85.9431, 0.2944, 0.3302)
contains.

Yxy(86.0720, 0.2945, 0.3310)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(86.0720, 0.2945, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	D6F5F3
RGB	214, 245, 243
RGB Percent	84%, 96%, 95%
CMY	0.1605, 0.0393, 0.0470
CMYK	0.13, 0.00, 0.01, 0.04
HSL	176°, 61%, 90%
HSV	176°, 13%, 96%
XYZ	76.5807, 86.0720, 97.3836
YIQ	235.5030, -17.8340, -7.1940

Conversions

Conversions Part 2

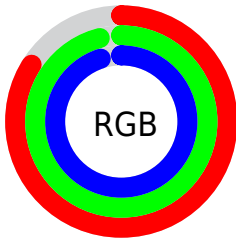
Format	Color
R_{YB}	214, 230, 245
Decimal	14087667
CIE _{Lab}	94.34, -10.36, -2.45
CIE _{LCh}	94, 10.641, 193.305
Yxy	86.0720, 0.2945, 0.3310
Android (android.graphics.Color)	4292277747 (0xFFD6F5F3)
YUV	235.5030, 3.6960, -18.8581
Hunter-Lab	92.7750, -15.0143, 2.7073

Details

The Yxy color **86.0720, 0.2945, 0.3310** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.5043, 0.3343, 0.3270**, and the grayscale version is **83.4754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.3540, 0.2904, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **82.5669, 0.2810, 0.3328**, and if you desaturate by 10%, it is **90.1395, 0.3089, 0.3294**.

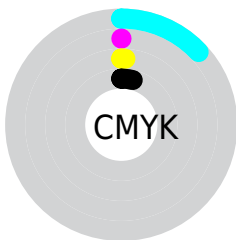
Distribution



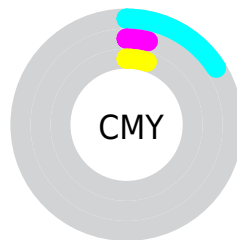
- Red (84%)
- Green (96%)
- Blue (95%)



- 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 86.0720, 0.2945, 0.3310 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 86.0720, 0.2945, 0.3310 by changing the saturation by 10% instead.


 86.0720, 0.2945,
0.3310

 86.0720, 0.2945,
0.3310


515.1686, 0.3027,
0.3302

 64.7275, 0.2927,
0.3312


141.8700, 0.2973,
0.3307

 47.2402, 0.2905,
0.3314

177.0922, 0.2984,
0.3306

 33.2256, 0.2878,
0.3316


217.7092, 0.2993,
0.3305

 22.2993, 0.2843,
0.3320

264.1053, 0.3002,
0.3304

 14.0770, 0.2796,
0.3323

316.6649, 0.3009,
0.3303

 8.1742, 0.2732,
0.3328

375.7723, 0.3015,

 4.2066, 0.2637,

0.3303

441.8121, 0.3021,
0.3302

0.3335

1.7898, 0.2481,
0.3343

0.4808, 0.1480,
0.3485

86.0720, 0.2945,
0.3310

86.0720, 0.2945,
0.3310

82.5669, 0.2810,
0.3328

90.1395, 0.3089,
0.3294

79.5888, 0.2687,
0.3346


93.2172, 0.3185,
0.3279

77.1146, 0.2577,
0.3366


93.3135, 0.3176,
0.3264


75.1157, 0.2485,
0.3387


93.4105, 0.3166,
0.3249


 73.5603, 0.2412,
0.3408


 93.5083, 0.3157,
0.3234


 72.4127, 0.2357,
0.3430


 93.6070, 0.3147,
0.3219

 71.6320, 0.2323,
0.3451

 93.7064, 0.3138,
0.3204

 71.1684, 0.2306,
0.3473

 93.7751, 0.3132,
0.3194

 70.9742, 0.2302,
0.3488

Harmonies

Analogous

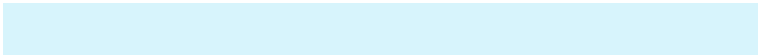
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0720, 0.3042, 0.3415



86.0720, 0.2945, 0.3310



86.0720, 0.2896, 0.3201

Triad

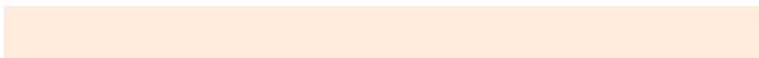
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0720, 0.2945, 0.3310



86.0720, 0.3088, 0.3103



86.0720, 0.3350, 0.3458

Complementary

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



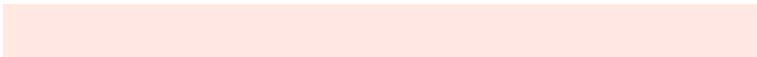
86.0720, 0.2945, 0.3310



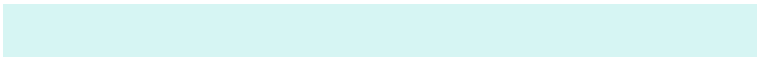
72.5043, 0.3343, 0.3270

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.



86.0720, 0.3364, 0.3372



86.0720, 0.2945, 0.3310



86.0720, 0.3210, 0.3170

Square

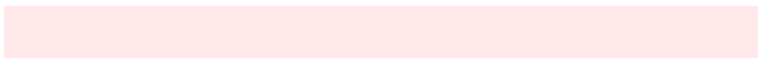
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0720, 0.2945, 0.3310



86.0720, 0.2978, 0.3085



86.0720, 0.3312, 0.3267



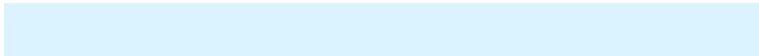
86.0720, 0.3276, 0.3501

Rectangle

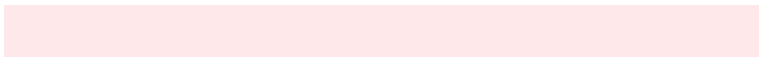
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.0720, 0.2945, 0.3310



86.0720, 0.2897, 0.3142



86.0720, 0.3312, 0.3267



86.0720, 0.3362, 0.3433

Sweetspot

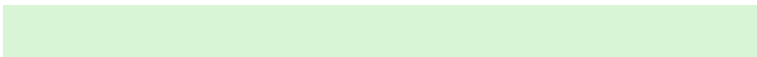
The Sweet Spot groups the original color and five complimentary colors.



86.0756, 0.2945, 0.3310



98.0748, 0.3068, 0.3296



84.7748, 0.3125, 0.3621



20.9170, 0.3057, 0.3297



0.0000, 0.0000, 0.0000



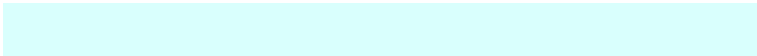
21.4041, 0.3127, 0.3290

Same Dimension

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



86.0756, 0.2945, 0.3310



93.2976, 0.2911, 0.3314



78.3843, 0.2931, 0.3148



18.7385, 0.2989, 0.3305



38.2489, 0.2301, 0.3485



3.3671, 0.2294, 0.3458

Inverse Universe

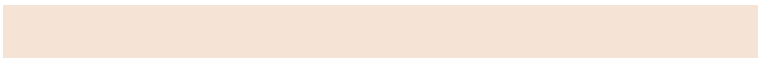
The Inverse Universe completely reimagines the original color for something new.



72.5043, 0.3343, 0.3270



75.8811, 0.3392, 0.3266



79.4658, 0.3339, 0.3428



16.4996, 0.3284, 0.3275



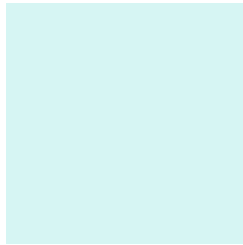
10.4841, 0.6334, 0.3263



0.9273, 0.6172, 0.3174

Previews

White Background



This preview shows how the Yxy color 86.0720, 0.2945, 0.3310 looks on a white background.

Color Contrast Check

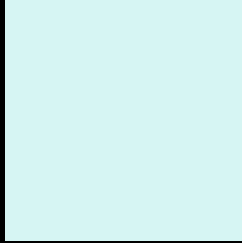
Large Text (above 18pt) WCAG AA × Fail

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 86.0720, 0.2945, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

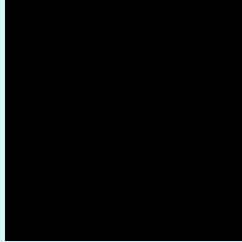
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

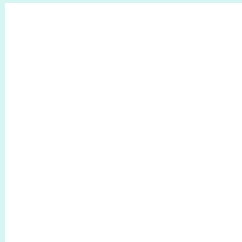
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.0720, 0.2945, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 86.0720, 0.2945, 0.3310.

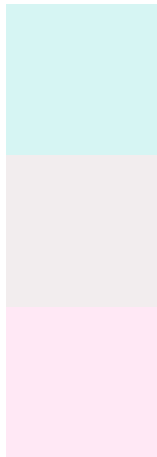


This preview shows how white text looks on a background with the Yxy color 86.0720, 0.2945, 0.3310.

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

86.0720, 0.2945, 0.3310

Protanopia

85.6187, 0.3154, 0.3280

Deuteranopia

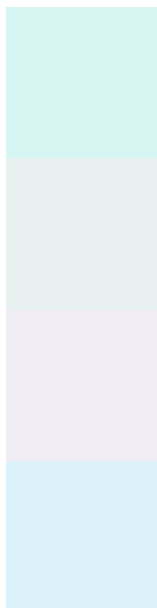
85.5658, 0.3201, 0.3163



Tritanopia

85.9779, 0.2937, 0.3147

Trichromacy



Original Color

86.0720, 0.2945, 0.3310

Protanomaly

85.7673, 0.3075, 0.3290

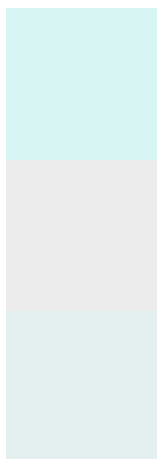
Deuteranomaly

85.6253, 0.3104, 0.3220

Tritanomaly

85.6849, 0.2936, 0.3197

Monochromacy



Original Color

86.0720, 0.2945, 0.3310

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.4590, 0.3055, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0720, 0.2945, 0.3310 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(214, 245, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 245, 243) }
```

Border

The CSS property to change the border of an element to Yxy 86.0720, 0.2945, 0.3310 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, 243) }
```

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

```
.border{ border-color:rgb(214, 245, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 245, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 245, 243);  
box-shadow:4px 4px 4px 4px rgb(214, 245,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0720, 0.2945, 0.3310 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, 243) }
```

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

```
.background{ background-color: rgb(214,  
245, 243) }
```

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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