

Converting Colors

$Yxy(85.1628, 0.2892, 0.3289)$

Have a look what the booklet for
Yxy(85.1628, 0.2892, 0.3289)
contains.

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Color

Yxy(85.1628, 0.2892, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	CFF5F5
RGB	207, 245, 245
RGB Percent	81%, 96%, 96%
CMY	0.1879, 0.0393, 0.0392
CMYK	0.15, 0.00, 0.00, 0.04
HSL	180°, 66%, 89%
HSV	180°, 15%, 96%
XYZ	74.8832, 85.1628, 98.8862
YIQ	233.6380, -22.6480, -8.0560

Conversions

Conversions Part 2

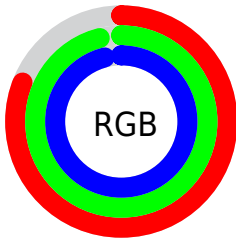
Format	Color
R _Y B	207, 226, 245
Decimal	13628917
CIE Lab	93.95, -12.14, -4.11
CIE LCh	94, 12.814, 198.694
Yxy	85.1628, 0.2892, 0.3289
Android (android.graphics.Color)	4291818997 (0xFFCFF5F5)
YUV	233.6380, 5.6015, -23.3615
Hunter-Lab	92.2837, -16.6534, 1.0666

Details

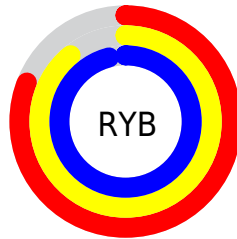
The Yxy color **85.1628, 0.2892, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.6005, 0.3419, 0.3291**, and the grayscale version is **81.9737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.7447, 0.2838, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **81.8947, 0.2753, 0.3288**, and if you desaturate by 10%, it is **88.9857, 0.3042, 0.3290**.

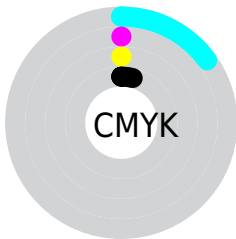
Distribution



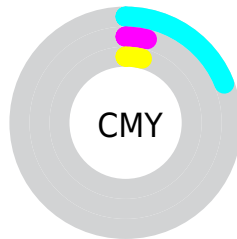
- Red (81%)
- Green (96%)
- Blue (96%)



- Red (81%)
- Yellow (89%)
- Blue (96%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)




- Cyan (19%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.1628, 0.2892, 0.3289 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 85.1628, 0.2892, 0.3289 by changing the saturation by 10% instead.


 85.1628, 0.2892,
0.3289

 85.1628, 0.2892,
0.3289

512.1666, 0.2997,
0.3290

 63.9759, 0.2869,
0.3288


140.6006, 0.2928,
0.3290

 46.6312, 0.2840,
0.3288


175.6203, 0.2942,
0.3290

 32.7442, 0.2805,
0.3287

216.0197, 0.2954,
0.3290

 21.9305, 0.2760,
0.3285

262.1833, 0.2965,
0.3290

 13.8059, 0.2701,
0.3282

314.4954, 0.2974,
0.3290

 7.9858, 0.2618,
0.3278


373.3403, 0.2983,


 4.0858, 0.2496,

0.3290


439.1026, 0.2990,
0.3290

0.3269

 1.7217, 0.2297,
0.3250


 0.4376, 0.0906,
0.3313


 85.1628, 0.2892,
0.3289


 85.1628, 0.2892,
0.3289


 81.8947, 0.2753,
0.3288


 88.9857, 0.3042,
0.3290


 79.1455, 0.2627,
0.3288

 93.1705, 0.3192,
0.3290


 76.8916, 0.2517,
0.3287

 93.1810, 0.3192,
0.3290

 75.1036, 0.2426,
0.3287


 93.1914, 0.3192,
0.3291

 73.7486, 0.2353,
0.3286

 93.2019, 0.3192,
0.3291

 72.7896, 0.2301,
0.3286


 93.2124, 0.3192,
0.3291


 72.1837, 0.2267,
0.3286

 93.2229, 0.3192,
0.3291

 71.8774, 0.2250,
0.3285

 93.2334, 0.3192,
0.3291

 71.8011, 0.2246,
0.3285

 93.2438, 0.3192,
0.3291

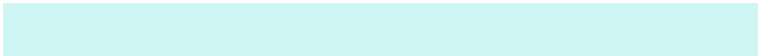
Harmonies

Analogous

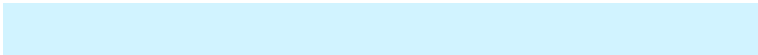
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.1628, 0.3000, 0.3421



85.1628, 0.2892, 0.3289



85.1628, 0.2846, 0.3161

Triad

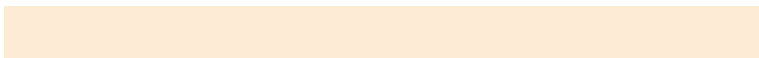
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.1628, 0.2892, 0.3289



85.1628, 0.3106, 0.3076



85.1628, 0.3386, 0.3506

Complementary

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



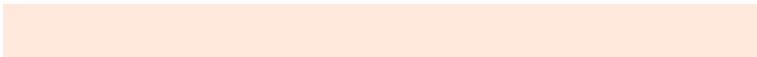
85.1628, 0.2892, 0.3289



68.6005, 0.3419, 0.3291

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.



85.1628, 0.3417, 0.3409



85.1628, 0.2892, 0.3289



85.1628, 0.3253, 0.3164

Square

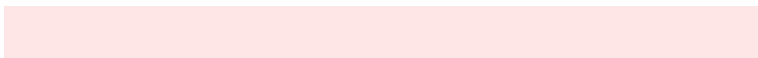
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.1628, 0.2892, 0.3289



85.1628, 0.2967, 0.3042



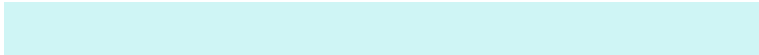
85.1628, 0.3367, 0.3284



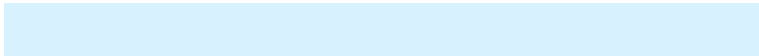
85.1628, 0.3285, 0.3548

Rectangle

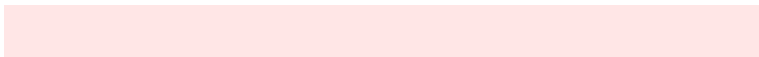
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



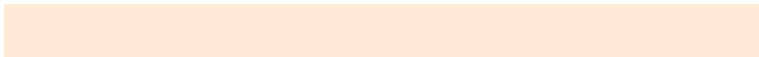
85.1628, 0.2892, 0.3289



85.1628, 0.2856, 0.3095



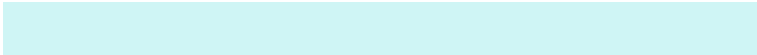
85.1628, 0.3367, 0.3284



85.1628, 0.3405, 0.3479

Sweetspot

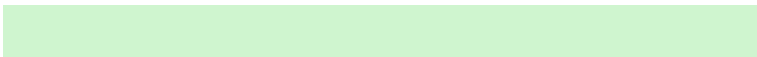
The Sweet Spot groups the original color and five complimentary colors.



85.1663, 0.2892, 0.3289



97.6558, 0.3049, 0.3290



83.0981, 0.3108, 0.3706



20.8345, 0.3038, 0.3290



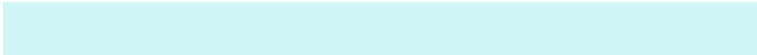
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



85.1663, 0.2892, 0.3289



91.9188, 0.2841, 0.3289



74.2877, 0.2884, 0.3085



18.7557, 0.2981, 0.3289



38.6772, 0.2246, 0.3285



3.4000, 0.2246, 0.3286

Inverse Universe

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



70.6704, 0.3145, 0.2907



72.8857, 0.3150, 0.2817



78.3412, 0.3389, 0.3487



16.7681, 0.3138, 0.3057



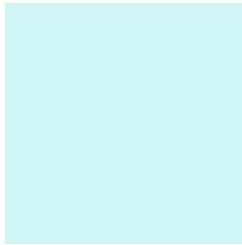
14.0039, 0.3211, 0.1543



1.2309, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 85.1628, 0.2892, 0.3289 looks on a white background.

Color Contrast Check

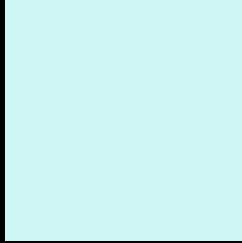
Large Text (above 18pt) WCAG AA × Fail

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 85.1628, 0.2892, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

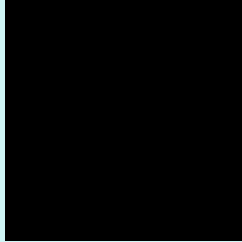
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.1628, 0.2892, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 85.1628, 0.2892, 0.3289.

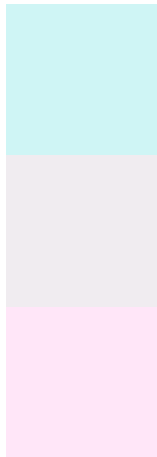


This preview shows how white text looks on a background with the Yxy color 85.1628, 0.2892, 0.3289.

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**

85.1628, 0.2892, 0.3289

Protanopia

84.8074, 0.3129, 0.3250

Deuteranopia

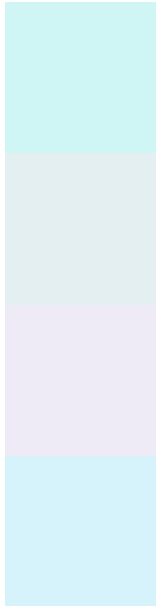
84.6309, 0.3183, 0.3115



Tritanopia

85.0360, 0.2901, 0.3145

Trichromacy



Original Color

85.1628, 0.2892, 0.3289

Protanomaly

84.6378, 0.3038, 0.3259

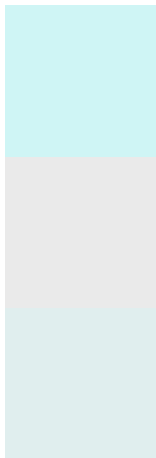
Deuteranomaly

84.3092, 0.3073, 0.3169

Tritanomaly

84.7654, 0.2899, 0.3196

Monochromacy



Original Color

85.1628, 0.2892, 0.3289

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

83.1694, 0.3036, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.1628, 0.2892, 0.3289 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(207, 245, 245)` looks like.

```
.text, #text, p{  
    color:rgb(207, 245, 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(207, 245, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 245, 245) }
```

Border

The CSS property to change the border of an element to Yxy 85.1628, 0.2892, 0.3289 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(207, 245, 245) }
```

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

```
.border{ border-color:rgb(207, 245, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 245, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 245, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 245, 245);  
box-shadow:4px 4px 4px 4px rgb(207, 245,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 85.1628, 0.2892, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 245, 245) }
```

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

```
.background{ background-color: rgb(207,  
245, 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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