

Converting Colors

Yxy(84.9439, 0.2911, 0.3334)

Have a look what the booklet for
Yxy(84.9439, 0.2911, 0.3334)
contains.

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Color

Yxy(84.9211, 0.2914, 0.3332)

Conversions

Conversions Part 1

Format	Color
Hex	CFF5F1
RGB	207, 245, 241
RGB Percent	81%, 96%, 95%
CMY	0.1881, 0.0392, 0.0550
CMYK	0.15, 0.00, 0.02, 0.04
HSL	174°, 65%, 89%
HSV	174°, 15%, 96%
XYZ	74.2677, 84.9211, 95.6764
YIQ	233.1820, -21.3640, -9.3000

Conversions

Conversions Part 2

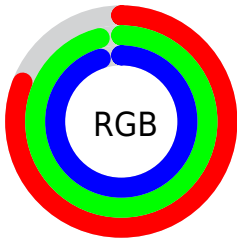
Format	Color
R_{YB}	207, 227, 245
Decimal	13628913
CIE _{Lab}	93.85, -12.96, -2.17
CIE _{LCh}	94, 13.138, 189.498
Yxy	84.9211, 0.2914, 0.3332
Android (android.graphics.Color)	4291818993 (0xFFCFF5F1)
YUV	233.1820, 3.8543, -22.9616
Hunter-Lab	92.1526, -17.4103, 2.9497

Details

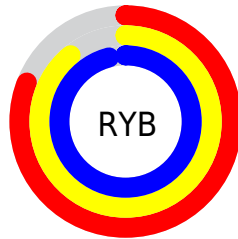
The Yxy color **84.9211, 0.2914, 0.3332** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.7663, 0.3389, 0.3249**, and the grayscale version is **81.6189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.5734, 0.2865, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **81.5103, 0.2787, 0.3362**, and if you desaturate by 10%, it is **88.8887, 0.3050, 0.3304**.

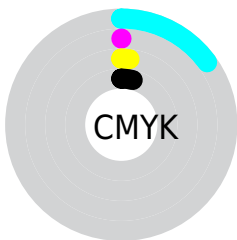
Distribution



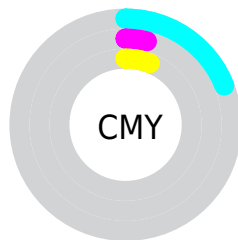
- Red (81%)
- Green (96%)
- Blue (95%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)





- Cyan (19%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.9211, 0.2914, 0.3332 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 84.9211, 0.2914, 0.3332 by changing the saturation by 10% instead.


 84.9211, 0.2914,
0.3332

 84.9211, 0.2914,
0.3332


511.3670, 0.3010,
0.3314

 63.7762, 0.2893,
0.3336


140.2629, 0.2947,
0.3326

 46.4694, 0.2867,
0.3341


175.2286, 0.2959,
0.3323

 32.6164, 0.2835,
0.3347


215.5701, 0.2971,
0.3321

 21.8328, 0.2794,
0.3354

261.6716, 0.2980,
0.3319

 13.7341, 0.2739,
0.3363

313.9177, 0.2989,
0.3318

 7.9359, 0.2663,
0.3376


372.6927, 0.2997,


 4.0540, 0.2549,


0.3316


438.3810, 0.3003,
0.3315


0.3394

 1.7038, 0.2364,
0.3420


 0.4261, 0.0785,
0.3770


 84.9211, 0.2914,
0.3332


 84.9211, 0.2914,
0.3332


 81.5103, 0.2787,
0.3362


 88.8887, 0.3050,
0.3304


 78.6206, 0.2671,
0.3395


 93.2273, 0.3185,
0.3279


 76.2284, 0.2571,
0.3429

 93.3880, 0.3169,
0.3254

 74.3040, 0.2487,
0.3465


 93.5509, 0.3153,
0.3229


 72.8147, 0.2421,
0.3501


 93.7160, 0.3138,
0.3204

 71.7236, 0.2376,
0.3538

 93.7832, 0.3132,
0.3194

 70.9875, 0.2350,
0.3575

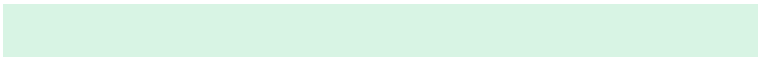
 70.5532, 0.2341,
0.3612

 70.4198, 0.2341,
0.3628

Harmonies

Analogous

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



84.9211, 0.3039, 0.3461



84.9211, 0.2914, 0.3332



84.9211, 0.2846, 0.3195

Triad

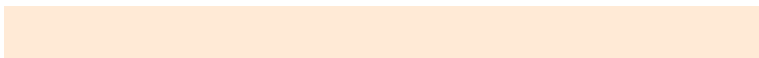
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.9211, 0.2914, 0.3332



84.9211, 0.3059, 0.3054



84.9211, 0.3411, 0.3486

Complementary

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



84.9211, 0.2914, 0.3332



68.7663, 0.3389, 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.



84.9211, 0.3417, 0.3374



84.9211, 0.2914, 0.3332



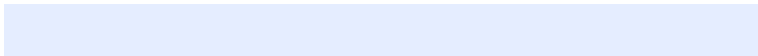
84.9211, 0.3211, 0.3128

Square

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



84.9211, 0.2914, 0.3332



84.9211, 0.2927, 0.3038



84.9211, 0.3344, 0.3244



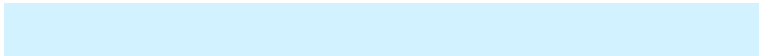
84.9211, 0.3327, 0.3549

Rectangle

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



84.9211, 0.2914, 0.3332



84.9211, 0.2840, 0.3118



84.9211, 0.3344, 0.3244



84.9211, 0.3422, 0.3453

Sweetspot

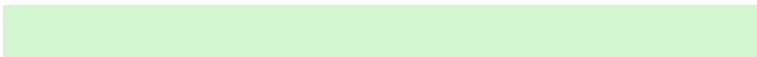
The Sweet Spot groups the original color and five complimentary colors.



84.9246, 0.2914, 0.3332



97.5748, 0.3057, 0.3303



83.7293, 0.3136, 0.3703



20.8148, 0.3047, 0.3305



0.0000, 0.0000, 0.0000



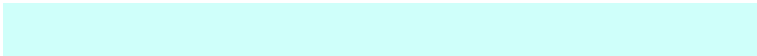
21.4041, 0.3127, 0.3290

Same Dimension

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



84.9246, 0.2914, 0.3332



91.6145, 0.2868, 0.3343



76.7084, 0.2886, 0.3133



18.7258, 0.2995, 0.3315



37.9500, 0.2339, 0.3622



3.3440, 0.2327, 0.3576

Inverse Universe

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



68.7663, 0.3389, 0.3249



70.4054, 0.3463, 0.3239



75.9463, 0.3396, 0.3442



16.5110, 0.3277, 0.3265



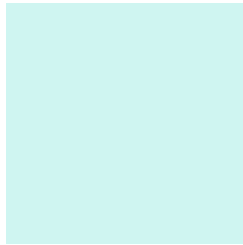
10.5074, 0.6276, 0.3231



0.9328, 0.6032, 0.3096

Previews

White Background



This preview shows how the Yxy color 84.9211, 0.2914, 0.3332 looks on a white background.

Color Contrast Check

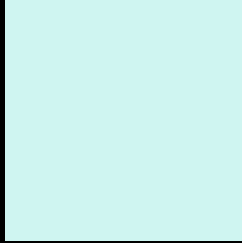
Large Text (above 18pt) WCAG AA × Fail

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 84.9211, 0.2914, 0.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

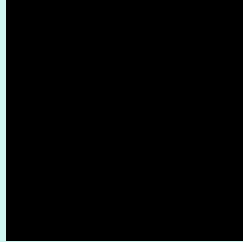
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

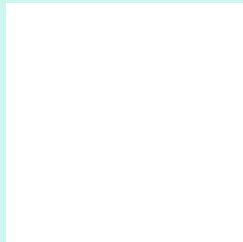
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.9211, 0.2914, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 84.9211, 0.2914, 0.3332.

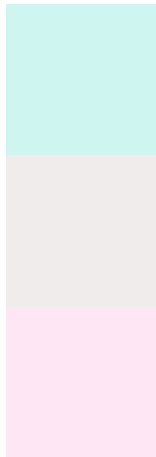


This preview shows how white text looks on a background with the Yxy color 84.9211, 0.2914, 0.3332.

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

84.9211, 0.2914, 0.3332

Protanopia

84.7478, 0.3161, 0.3290

Deuteranopia

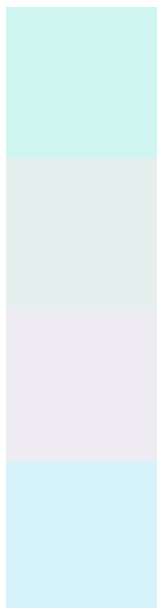
84.3853, 0.3209, 0.3153



Tritanopia

85.0360, 0.2901, 0.3145

Trichromacy



Original Color

84.9211, 0.2914, 0.3332

Protanomaly

84.5641, 0.3068, 0.3300

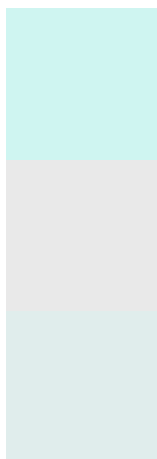
Deuteranomaly

84.0649, 0.3098, 0.3209

Tritanomaly

84.7025, 0.2905, 0.3206

Monochromacy



Original Color

84.9211, 0.2914, 0.3332

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

82.4718, 0.3048, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.9211, 0.2914, 0.3332 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(207, 245, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 245, 241) }
```

Border

The CSS property to change the border of an element to Yxy 84.9211, 0.2914, 0.3332 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, 241) }
```

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

```
.border{ border-color:rgb(207, 245, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 245, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 245, 241);  
box-shadow:4px 4px 4px 4px rgb(207, 245,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 84.9211, 0.2914, 0.3332 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, 241) }
```

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

```
.background{ background-color: rgb(207,  
245, 241) }
```

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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