

Converting Colors

$Yxy(82.6579, 0.2861, 0.3288)$

Have a look what the booklet for
Yxy(82.6579, 0.2861, 0.3288)
contains.

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Color

Yxy(82.8516, 0.2860, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	C8F3F3
RGB	200, 243, 243
RGB Percent	78%, 95%, 95%
CMY	0.2158, 0.0470, 0.0470
CMYK	0.18, 0.00, 0.00, 0.05
HSL	180°, 64%, 87%
HSV	180°, 18%, 95%
XYZ	72.0449, 82.8516, 97.0087
YIQ	230.1430, -25.6280, -9.1160

Conversions

Conversions Part 2

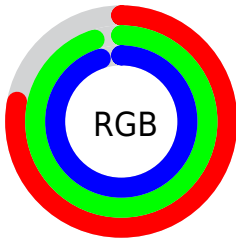
Format	Color
R _Y B	200, 222, 243
Decimal	13169651
CIE Lab	92.95, -13.72, -4.60
CIE LCh	93, 14.473, 198.549
Yxy	82.8516, 0.2860, 0.3289
Android (android.graphics.Color)	4291359731 (0xFFC8F3F3)
YUV	230.1430, 6.3385, -26.4354
Hunter-Lab	91.0229, -18.0067, 0.5270

Details

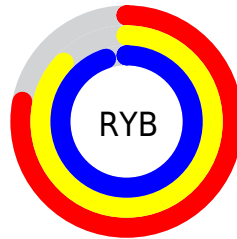
The Yxy color **82.8516, 0.2860, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.5325, 0.3470, 0.3291**, and the grayscale version is **79.2079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.1482, 0.2799, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **79.7651, 0.2724, 0.3289**, and if you desaturate by 10%, it is **86.4767, 0.3008, 0.3290**.

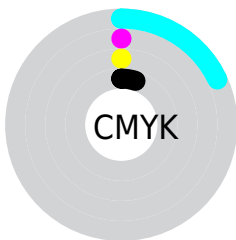
Distribution



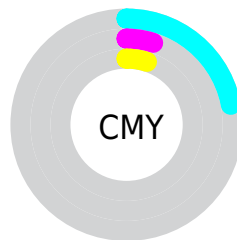
- Red (78%)
- Green (95%)
- Blue (95%)



- Red (78%)
- Yellow (87%)
- Blue (95%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)





- Cyan (22%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.8516, 0.2860, 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 82.8516, 0.2860, 0.3289 by changing the saturation by 10% instead.


 82.8516, 0.2860,
0.3289

 82.8516, 0.2860,
0.3289

504.4918, 0.2980,
0.3291

 62.0677, 0.2833,
0.3288


137.3676, 0.2901,
0.3290

 45.0874, 0.2801,
0.3287


171.8685, 0.2917,
0.3290

 31.5263, 0.2761,
0.3286


211.7106, 0.2931,
0.3290

 20.9999, 0.2709,
0.3284

257.2782, 0.2943,
0.3290

 13.1240, 0.2640,
0.3281

308.9557, 0.2954,
0.3291

 7.5140, 0.2544,
0.3275

367.1276, 0.2964,

 3.7856, 0.2402,

0.3291

432.1781, 0.2972,
0.3291

0.3263

1.5543, 0.2169,
0.3237

0.3265, 0.0000,
0.3252

82.8516, 0.2860,
0.3289

82.8516, 0.2860,
0.3289

79.7651, 0.2724,
0.3289

86.4767, 0.3008,
0.3290

77.1820, 0.2601,
0.3288


90.6536, 0.3163,
0.3290

75.0786, 0.2495,
0.3288


91.8572, 0.3205,
0.3290

73.4251, 0.2408,
0.3287


91.8631, 0.3205,
0.3290


 72.1888, 0.2340,
0.3287

 91.8691, 0.3205,
0.3291


 71.3323, 0.2292,
0.3287


 91.8750, 0.3205,
0.3291


 70.8116, 0.2262,
0.3286

 91.8810, 0.3205,
0.3291

 70.5677, 0.2248,
0.3286

 91.8869, 0.3205,
0.3291

 70.5305, 0.2246,
0.3286

 91.8928, 0.3205,
0.3291

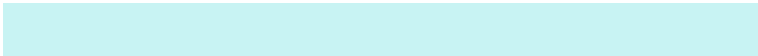
Harmonies

Analogous

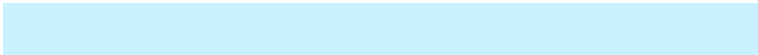
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8516, 0.2983, 0.3441



82.8516, 0.2860, 0.3289



82.8516, 0.2808, 0.3143

Triad

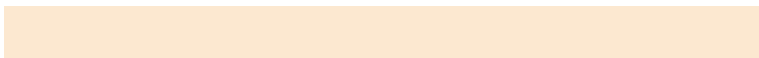
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.8516, 0.2860, 0.3289



82.8516, 0.3101, 0.3047



82.8516, 0.3423, 0.3536

Complementary

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



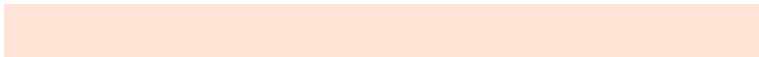
82.8516, 0.2860, 0.3289



64.5325, 0.3470, 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.



82.8516, 0.3458, 0.3424



82.8516, 0.2860, 0.3289



82.8516, 0.3269, 0.3146

Square

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



82.8516, 0.2860, 0.3289



82.8516, 0.2944, 0.3008



82.8516, 0.3401, 0.3282



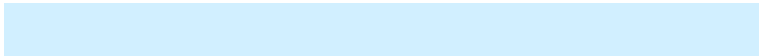
82.8516, 0.3307, 0.3584

Rectangle

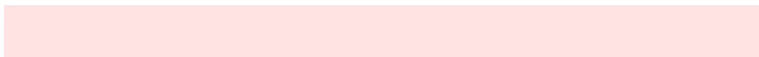
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



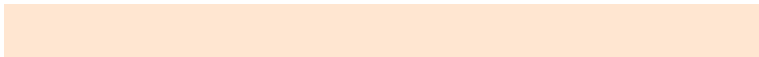
82.8516, 0.2860, 0.3289



82.8516, 0.2819, 0.3068



82.8516, 0.3401, 0.3282



82.8516, 0.3444, 0.3504

Sweetspot

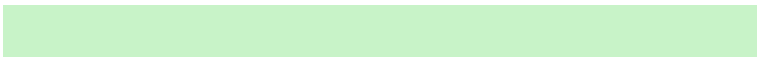
The Sweet Spot groups the original color and five complimentary colors.



82.8550, 0.2860, 0.3289



97.6582, 0.3049, 0.3290



80.5617, 0.3105, 0.3773



20.8351, 0.3038, 0.3290



0.0000, 0.0000, 0.0000



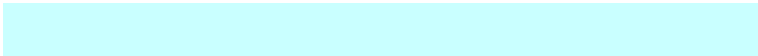
21.4041, 0.3127, 0.3290

Same Dimension

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



82.8550, 0.2860, 0.3289



91.2060, 0.2813, 0.3289



70.7256, 0.2848, 0.3053



18.7566, 0.2981, 0.3289



38.7005, 0.2246, 0.3286



3.4018, 0.2246, 0.3286

Inverse Universe

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



66.8271, 0.3148, 0.2851



70.4620, 0.3152, 0.2766



75.2056, 0.3431, 0.3517



16.7682, 0.3138, 0.3057



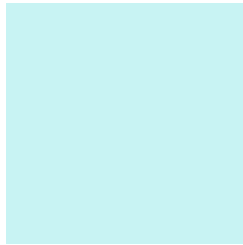
14.0062, 0.3210, 0.1542



1.2310, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 82.8516, 0.2860, 0.3289 looks on a white background.

Color Contrast Check

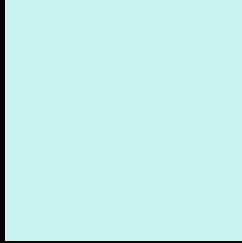
Large Text (above 18pt) WCAG AA × Fail

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 82.8516, 0.2860, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

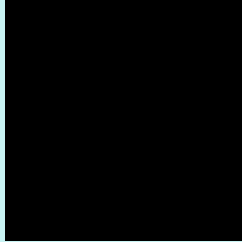
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

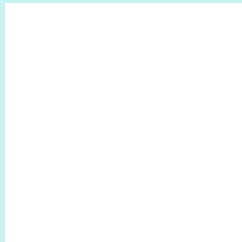
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.8516, 0.2860, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 82.8516, 0.2860, 0.3289.

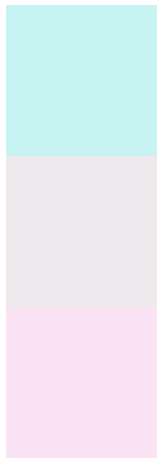


This preview shows how white text looks on a background with the Yxy color 82.8516, 0.2860, 0.3289.

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

82.8516, 0.2860, 0.3289

Protanopia

82.3968, 0.3129, 0.3249

Deuteranopia

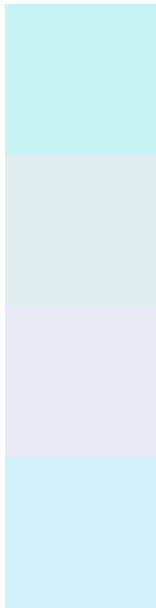
82.1012, 0.3170, 0.3103



Tritanopia

82.6546, 0.2852, 0.3122

Trichromacy



Original Color

82.8516, 0.2860, 0.3289

Protanomaly

82.6477, 0.3030, 0.3269

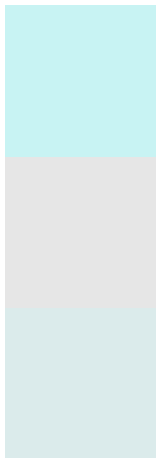
Deuteranomaly

82.0262, 0.3046, 0.3167

Tritanomaly

82.4070, 0.2850, 0.3173

Monochromacy



Original Color

82.8516, 0.2860, 0.3289

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

80.4749, 0.3022, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.8516, 0.2860, 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(200, 243, 243)` looks like.

```
.text, #text, p{  
    color:rgb(200, 243, 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(200, 243, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 243, 243) }
```

Border

The CSS property to change the border of an element to Yxy 82.8516, 0.2860, 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(200, 243, 243) }
```

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

```
.border{ border-color:rgb(200, 243, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 243, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 243, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 243, 243);  
box-shadow:4px 4px 4px 4px rgb(200, 243,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 82.8516, 0.2860, 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(200, 243, 243) }
```

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

```
.background{ background-color: rgb(200,  
243, 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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