

Converting Colors

$Yxy(83.0695, 0.2806, 0.3345)$

Have a look what the booklet for
Yxy(83.0695, 0.2806, 0.3345)
contains.

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Color

Yxy(82.9538, 0.2804, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	BCF6F1
RGB	188, 246, 241
RGB Percent	74%, 96%, 95%
CMY	0.2630, 0.0352, 0.0549
CMYK	0.24, 0.00, 0.02, 0.04
HSL	175°, 76%, 85%
HSV	175°, 24%, 96%
XYZ	69.5582, 82.9538, 95.5556
YIQ	228.0880, -32.9630, -13.8510

Conversions

Conversions Part 2

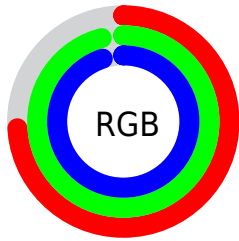
Format	Color
R _Y B	188, 218, 246
Decimal	12383985
CIE Lab	92.99, -19.22, -3.56
CIE LCh	93, 19.548, 190.497
Yxy	82.9538, 0.2804, 0.3344
Android (android.graphics.Color)	4290574065 (0xFFBCF6F1)
YUV	228.0880, 6.3656, -35.1572
Hunter-Lab	91.0790, -23.0655, 1.5511

Details

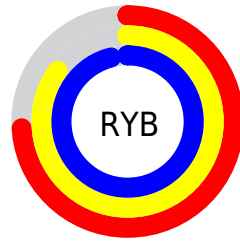
The Yxy color **82.9538, 0.2804, 0.3344** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.3836, 0.3577, 0.3238**, and the grayscale version is **77.6139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **45.3162, 0.2732, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **79.9692, 0.2684, 0.3370**, and if you desaturate by 10%, it is **86.4791, 0.2935, 0.3320**.

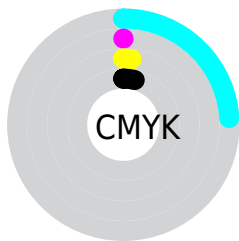
Distribution



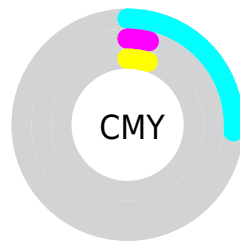
- Red (74%)
- Green (96%)
- Blue (95%)



- Red (74%)
- Yellow (85%)
- Blue (96%)



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (26%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.9538, 0.2804, 0.3344 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 82.9538, 0.2804, 0.3344 by changing the saturation by 10% instead.

82.9538, 0.2804,
0.3344

82.9538, 0.2804,
0.3344

504.8325, 0.2949,
0.3321

62.1520, 0.2772,
0.3349

137.5108, 0.2854,
0.3336

45.1556, 0.2733,
0.3355

172.0347, 0.2873,
0.3333

31.5800, 0.2684,
0.3361

211.9016, 0.2890,
0.3331

21.0409, 0.2621,
0.3370

257.4957, 0.2905,
0.3328

13.1539, 0.2538,
0.3381

309.2014, 0.2918,
0.3326

7.5346, 0.2423,
0.3394

367.4032, 0.2929,

3.7986, 0.2252,

0.3324

432.4855, 0.2940,
0.3323

0.3411

1.5616, 0.1976,
0.3431

0.3315, 0.0000,
0.3521

82.9538, 0.2804,
0.3344

82.9538, 0.2804,
0.3344

79.9692, 0.2684,
0.3370

86.4791, 0.2935,
0.3320

77.4883, 0.2579,
0.3398

90.5602, 0.3075,
0.3298


75.4849, 0.2490,
0.3426

93.9228, 0.3177,
0.3277


73.9267, 0.2420,
0.3456


94.0554, 0.3164,
0.3257


 72.7773, 0.2369,
0.3486

 94.1895, 0.3151,
0.3236

 71.9944, 0.2338,
0.3515

 94.3251, 0.3138,
0.3216

 71.5268, 0.2325,
0.3545

 94.4038, 0.3131,
0.3204

 71.3446, 0.2323,
0.3564

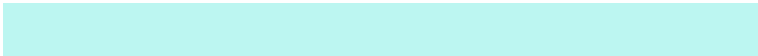
Harmonies

Analogous

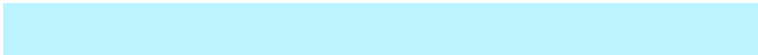
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9538, 0.2987, 0.3543



82.9538, 0.2804, 0.3344



82.9538, 0.2707, 0.3137

Triad

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



82.9538, 0.2804, 0.3344



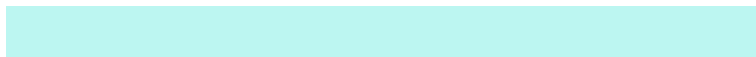
82.9538, 0.3030, 0.2943



82.9538, 0.3551, 0.3585

Complementary

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



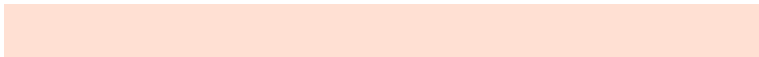
82.9538, 0.2804, 0.3344



59.3836, 0.3577, 0.3238

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.



82.9538, 0.3566, 0.3417



82.9538, 0.2804, 0.3344



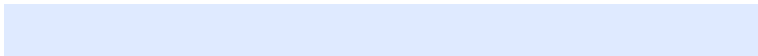
82.9538, 0.3259, 0.3055

Square

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



82.9538, 0.2804, 0.3344



82.9538, 0.2834, 0.2915



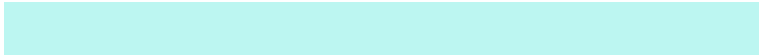
82.9538, 0.3458, 0.3226



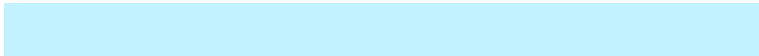
82.9538, 0.3420, 0.3681

Rectangle

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



82.9538, 0.2804, 0.3344



82.9538, 0.2702, 0.3025



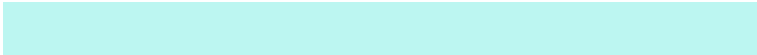
82.9538, 0.3458, 0.3226



82.9538, 0.3570, 0.3535

Sweetspot

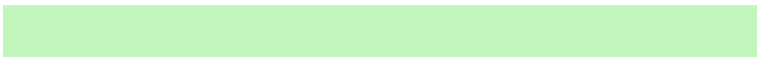
The Sweet Spot groups the original color and five complimentary colors.



82.9572, 0.2804, 0.3344



96.6712, 0.3027, 0.3305



80.9872, 0.3133, 0.3951



20.6333, 0.3018, 0.3306



0.0000, 0.0000, 0.0000



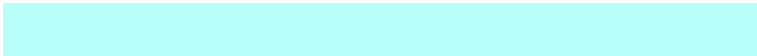
21.4041, 0.3127, 0.3290

Same Dimension

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



82.9572, 0.2804, 0.3344



88.4892, 0.2749, 0.3355



69.9992, 0.2757, 0.3030



18.7316, 0.2992, 0.3310



38.0845, 0.2322, 0.3559



3.3544, 0.2312, 0.3522

Inverse Universe

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



59.3836, 0.3577, 0.3238



59.0832, 0.3691, 0.3227



69.8970, 0.3563, 0.3537



16.5058, 0.3280, 0.3270



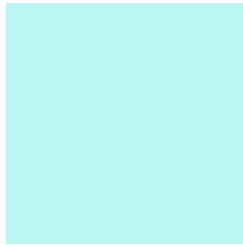
10.4957, 0.6305, 0.3247



0.9303, 0.6095, 0.3131

Previews

White Background



This preview shows how the Yxy color 82.9538, 0.2804, 0.3344 looks on a white background.

Color Contrast Check

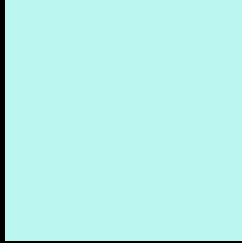
Large Text (above 18pt) WCAG AA × Fail

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 82.9538, 0.2804, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

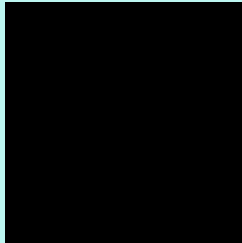
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.9538, 0.2804, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 82.9538, 0.2804, 0.3344.

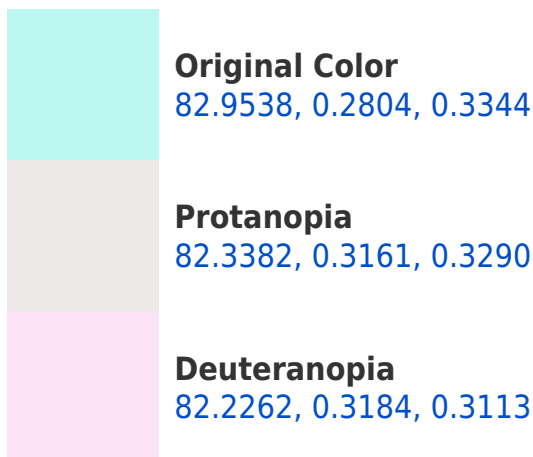


This preview shows how white text looks on a background with the Yxy color 82.9538, 0.2804, 0.3344.

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

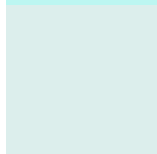
83.1097, 0.2823, 0.3142

Trichromacy



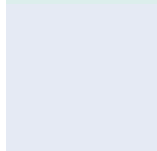
Original Color

82.9538, 0.2804, 0.3344



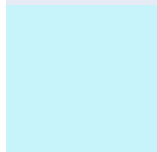
Protanomaly

82.4208, 0.3022, 0.3311



Deuteranomaly

82.0353, 0.3033, 0.3187



Tritanomaly

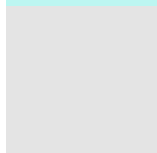
83.1454, 0.2817, 0.3215

Monochromacy



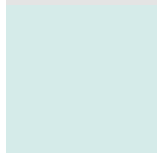
Original Color

82.9538, 0.2804, 0.3344



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

79.4460, 0.2995, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.9538, 0.2804, 0.3344 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(188, 246, 241)` looks like.

```
.text, #text, p{  
    color:rgb(188, 246, 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(188, 246, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 246, 241) }
```

Border

The CSS property to change the border of an element to Yxy 82.9538, 0.2804, 0.3344 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(188, 246, 241) }
```

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

```
.border{ border-color:rgb(188, 246, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 246, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 246, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 246, 241);  
box-shadow:4px 4px 4px 4px rgb(188, 246,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 82.9538, 0.2804, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 246, 241) }
```

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

```
.background{ background-color: rgb(188,  
246, 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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