

Converting Colors

$Yxy(81.8153, 0.2785, 0.3372)$

Have a look what the booklet for
Yxy(81.8153, 0.2785, 0.3372)
contains.

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Color

Yxy(82.0297, 0.2787, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	B6F6EE
RGB	182, 246, 238
RGB Percent	71%, 96%, 93%
CMY	0.2862, 0.0353, 0.0668
CMYK	0.26, 0.00, 0.03, 0.04
HSL	172°, 78%, 84%
HSV	172°, 26%, 96%
XYZ	67.6781, 82.0297, 93.1273
YIQ	225.9520, -35.5760, -16.0560

Conversions

Conversions Part 2

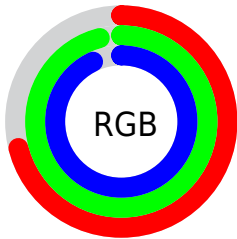
Format	Color
RYB	182, 216, 246
Decimal	11990766
CIELab	92.59, -21.57, -2.63
CIELCh	93, 21.726, 186.942
Yxy	82.0297, 0.2787, 0.3378
Android (android.graphics.Color)	4290180846 (0xFFB6F6EE)
YUV	225.9520, 5.9397, -38.5459
Hunter-Lab	90.5702, -25.1147, 2.4353

Details

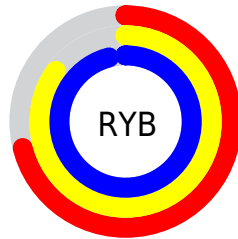
The Yxy color **82.0297, 0.2787, 0.3378** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.7771, 0.3615, 0.3205**, and the grayscale version is **75.9952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **44.7163, 0.2711, 0.3405** is the 20% darker color. If you saturate the color by 10%, you get **79.1158, 0.2674, 0.3417**, and if you desaturate by 10%, it is **85.4795, 0.2911, 0.3342**.

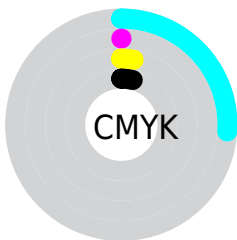
Distribution



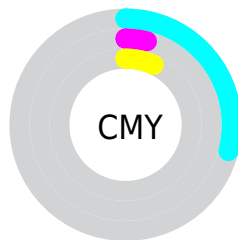
- Red (71%)
- Green (96%)
- Blue (93%)



- Red (71%)
- Yellow (85%)
- Blue (96%)



- Cyan (26%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)




- Cyan (29%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.0297, 0.2787, 0.3378 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 82.0297, 0.2787, 0.3378 by changing the saturation by 10% instead.

 82.0297, 0.2787,
0.3378

 82.0297, 0.2787,
0.3378

501.7470, 0.2940,
0.3339

 61.3900, 0.2753,
0.3386


 136.2157, 0.2839,
0.3365

 44.5400, 0.2711,
0.3396


170.5307, 0.2860,
0.3360

 31.0953, 0.2660,
0.3409


210.1730, 0.2878,
0.3355

 20.6714, 0.2593,
0.3424

255.5270, 0.2893,
0.3351

 12.8840, 0.2505,
0.3445

306.9769, 0.2907,
0.3348

 7.3487, 0.2382,
0.3472

364.9073, 0.2919,

 3.6811, 0.2199,

0.3345

0.3509

429.7026, 0.2930,
0.3342

■ 1.4968, 0.1900,
0.3565

■ 0.2865, 0.0000,
0.3664

■ 82.0297, 0.2787,
0.3378

■ 82.0297, 0.2787,
0.3378

■ 79.1158, 0.2674,
0.3417

■ 85.4795, 0.2911,
0.3342

■ 76.7003, 0.2576,
0.3458


■ 89.4807, 0.3044,
0.3309


■ 74.7565, 0.2494,
0.3501

■ 93.9049, 0.3178,
0.3278


■ 73.2510, 0.2432,
0.3545


■ 94.0976, 0.3159,
0.3249


 72.1464, 0.2389,
0.3589

 94.2935, 0.3141,
0.3219

 71.3986, 0.2365,
0.3633

 94.3948, 0.3131,
0.3204

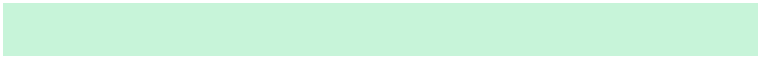
 70.9530, 0.2359,
0.3677

 70.8260, 0.2360,
0.3695

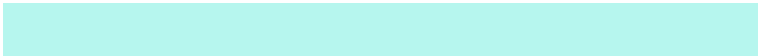
Harmonies

Analogous

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



82.0297, 0.2998, 0.3596



82.0297, 0.2787, 0.3378



82.0297, 0.2667, 0.3143

Triad

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



82.0297, 0.2787, 0.3378



82.0297, 0.2989, 0.2896



82.0297, 0.3610, 0.3598

Complementary

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



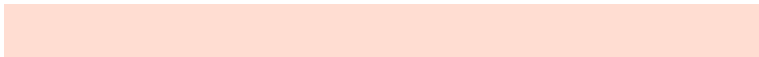
82.0297, 0.2787, 0.3378



56.7771, 0.3615, 0.3205

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.



82.0297, 0.3610, 0.3405



82.0297, 0.2787, 0.3378



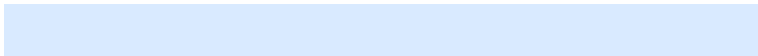
82.0297, 0.3244, 0.3011

Square

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



82.0297, 0.2787, 0.3378



82.0297, 0.2780, 0.2876



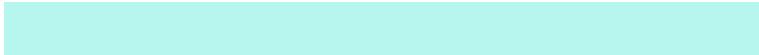
82.0297, 0.3474, 0.3193



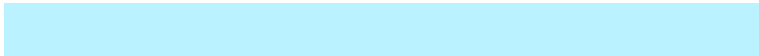
82.0297, 0.3476, 0.3719

Rectangle

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



82.0297, 0.2787, 0.3378



82.0297, 0.2652, 0.3013



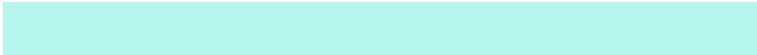
82.0297, 0.3474, 0.3193



82.0297, 0.3626, 0.3539

Sweetspot

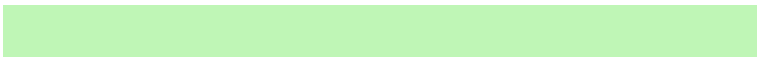
The Sweet Spot groups the original color and five complimentary colors.



82.0330, 0.2787, 0.3378



96.1702, 0.3017, 0.3315



80.3109, 0.3146, 0.4025



20.4399, 0.2997, 0.3320



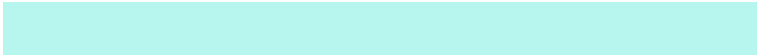
0.0000, 0.0000, 0.0000



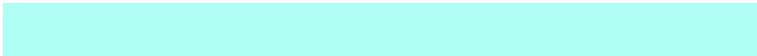
21.4041, 0.3127, 0.3290

Same Dimension

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



82.0330, 0.2787, 0.3378



87.3410, 0.2728, 0.3397



69.1330, 0.2721, 0.3024



18.7199, 0.2997, 0.3320



37.8168, 0.2358, 0.3687



3.3336, 0.2342, 0.3632

Inverse Universe

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



56.7771, 0.3615, 0.3205



55.8312, 0.3746, 0.3188



66.8645, 0.3622, 0.3541



16.5164, 0.3274, 0.3261



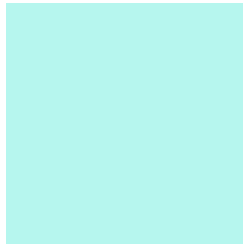
10.5213, 0.6243, 0.3213



0.9353, 0.5969, 0.3062

Previews

White Background



This preview shows how the Yxy color 82.0297, 0.2787, 0.3378 looks on a white background.

Color Contrast Check

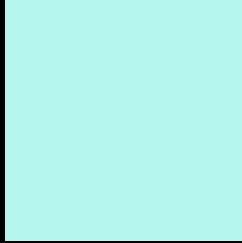
Large Text (above 18pt) WCAG AA × Fail

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 82.0297, 0.2787, 0.3378 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

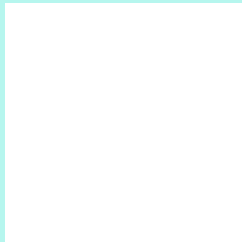
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.0297, 0.2787, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 82.0297, 0.2787, 0.3378.

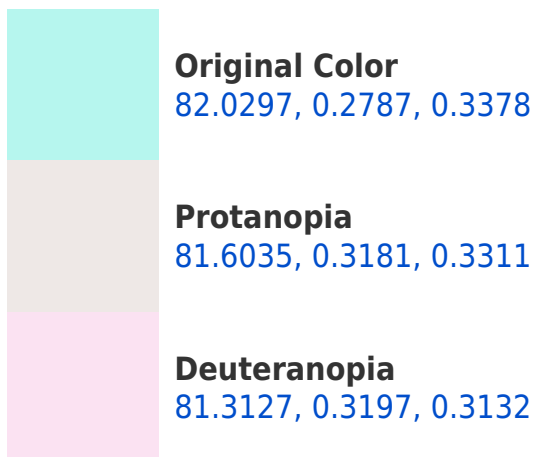


This preview shows how white text looks on a background with the Yxy color 82.0297, 0.2787, 0.3378.

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

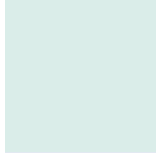
81.8195, 0.2794, 0.3130

Trichromacy



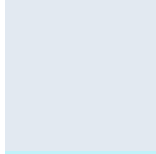
Original Color

82.0297, 0.2787, 0.3378



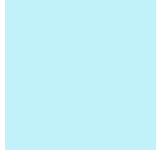
Protanomaly

81.3570, 0.3027, 0.3332



Deuteranomaly

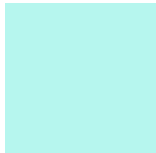
80.7975, 0.3031, 0.3207



Tritanomaly

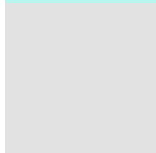
81.6813, 0.2787, 0.3214

Monochromacy



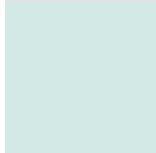
Original Color

82.0297, 0.2787, 0.3378



Achromatopsia

76.0525, 0.3127, 0.3290



Achromatomaly

77.6926, 0.2993, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0297, 0.2787, 0.3378 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(182, 246, 238)` looks like.

```
.text, #text, p{  
    color:rgb(182, 246, 238)  
}
```

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(182, 246, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 246, 238) }
```

Border

The CSS property to change the border of an element to Yxy 82.0297, 0.2787, 0.3378 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(182, 246, 238) }
```

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

```
.border{ border-color:rgb(182, 246, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 246, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 246, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 246, 238);  
box-shadow:4px 4px 4px 4px rgb(182, 246,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0297, 0.2787, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 246, 238) }
```

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

```
.background{ background-color: rgb(182,  
246, 238) }
```

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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