

Converting Colors

$Yxy(82.5868, 0.2805, 0.3265)$

Have a look what the booklet for
Yxy(82.5868, 0.2805, 0.3265)
contains.

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Color

Yxy(82.6926, 0.2805, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	C1F4F6
RGB	193, 244, 246
RGB Percent	76%, 96%, 96%
CMY	0.2427, 0.0432, 0.0352
CMYK	0.22, 0.01, 0.00, 0.04
HSL	182°, 75%, 86%
HSV	182°, 22%, 96%
XYZ	70.9987, 82.6926, 99.4235
YIQ	228.9790, -31.0380, -10.1900

Conversions

Conversions Part 2

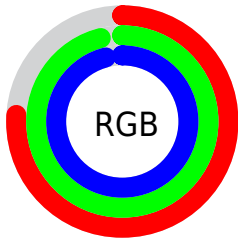
Format	Color
R_{YB}	193, 219, 246
Decimal	12711158
CIE _{Lab}	92.88, -15.64, -6.31
CIE _{LCh}	93, 16.863, 201.968
Yxy	82.6926, 0.2805, 0.3267
Android (android.graphics.Color)	4290901238 (0xFFC1F4F6)
YUV	228.9790, 8.3914, -31.5536
Hunter-Lab	90.9355, -19.7716, -1.1694

Details

The Yxy color **82.6926, 0.2805, 0.3267** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.5452, 0.3559, 0.3313**, and the grayscale version is **78.3087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **45.0874, 0.2731, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **79.1557, 0.2671, 0.3255**, and if you desaturate by 10%, it is **86.7771, 0.2950, 0.3278**.

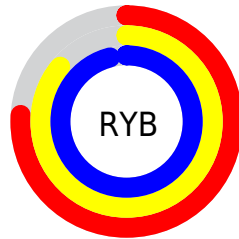
Distribution



Red (76%)

Green (96%)

Blue (96%)



Red (76%)

Yellow (86%)

Blue (96%)

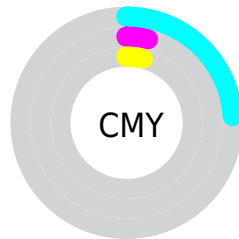


Cyan (22%)

Magenta (1%)

Yellow (0%)

Black (4%)



Cyan (24%)


Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.6926, 0.2805, 0.3267 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 82.6926, 0.2805, 0.3267 by changing the saturation by 10% instead.


 82.6926, 0.2805,
0.3267

 82.6926, 0.2805,
0.3267


503.9615, 0.2949,
0.3279

 61.9366, 0.2773,
0.3264

 137.1448, 0.2854,
0.3272

 44.9815, 0.2734,
0.3260

171.6099, 0.2874,
0.3273

 31.4428, 0.2686,
0.3254


211.4133, 0.2890,
0.3275

 20.9363, 0.2624,
0.3247

256.9397, 0.2905,
0.3276

 13.0774, 0.2542,
0.3236

308.5733, 0.2918,
0.3277

 7.4819, 0.2428,
0.3219

366.6985, 0.2930,

 3.7653, 0.2260,

0.3278

0.3190

431.6998, 0.2940,
0.3279

■ 1.5431, 0.1990,
0.3132

■ 0.3188, 0.0000,
0.2880

■ 82.6926, 0.2805,
0.3267

■ 82.6926, 0.2805,
0.3267

■ 79.1557, 0.2671,
0.3255

■ 86.7771, 0.2950,
0.3278

■ 76.1298, 0.2551,
0.3243

■ 91.4238, 0.3103,
0.3289

■ 73.5893, 0.2448,
0.3230

■ 94.3303, 0.3184,
0.3298

■ 71.5025, 0.2364,
0.3217

■ 94.9112, 0.3184,
0.3307

69.8340, 0.2299,
0.3204

95.4951, 0.3183,
0.3316

68.5430, 0.2253,
0.3191

96.0820, 0.3183,
0.3325

67.5805, 0.2225,
0.3178

96.6718, 0.3182,
0.3334

66.9562, 0.2213,
0.3167

97.2646, 0.3181,
0.3343

97.8604, 0.3181,
0.3352

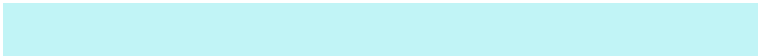
Harmonies

Analogous

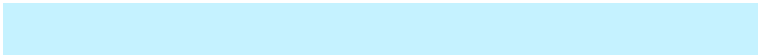
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6926, 0.2939, 0.3447



82.6926, 0.2805, 0.3267



82.6926, 0.2755, 0.3100

Triad

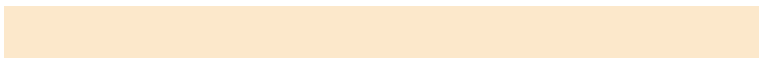
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6926, 0.2805, 0.3267



82.6926, 0.3119, 0.3018



82.6926, 0.3460, 0.3587

Complementary

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



82.6926, 0.2805, 0.3267



62.5452, 0.3559, 0.3313

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.



82.6926, 0.3514, 0.3462



82.6926, 0.2805, 0.3267



82.6926, 0.3313, 0.3139

Square

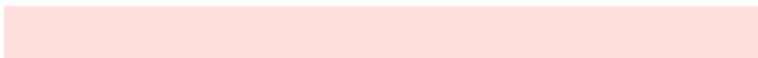
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.6926, 0.2805, 0.3267



82.6926, 0.2933, 0.2964



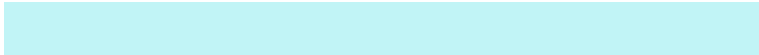
82.6926, 0.3459, 0.3299



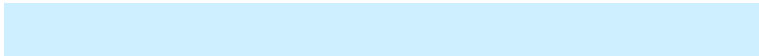
82.6926, 0.3317, 0.3635

Rectangle

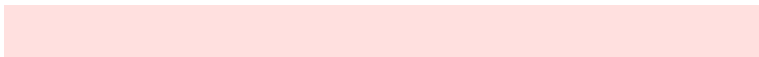
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



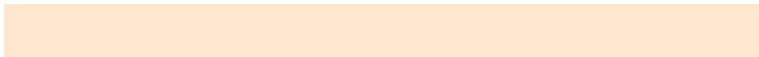
82.6926, 0.2805, 0.3267



82.6926, 0.2776, 0.3020



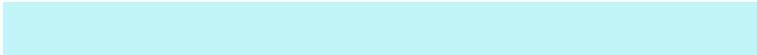
82.6926, 0.3459, 0.3299



82.6926, 0.3490, 0.3552

Sweetspot

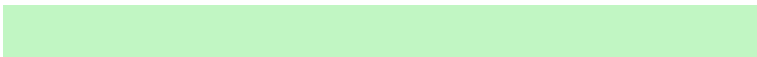
The Sweet Spot groups the original color and five complimentary colors.



82.6960, 0.2805, 0.3267



96.8371, 0.3034, 0.3284



81.2092, 0.3089, 0.3870



20.6564, 0.3024, 0.3283



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

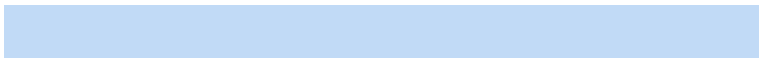
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6960, 0.2805, 0.3267



87.9008, 0.2743, 0.3262



68.0438, 0.2784, 0.2975



18.6418, 0.2981, 0.3280



35.7816, 0.2214, 0.3169



3.1784, 0.2218, 0.3185

Inverse Universe

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



64.3122, 0.3167, 0.2774



64.5827, 0.3176, 0.2664



75.3364, 0.3503, 0.3586



16.7566, 0.3144, 0.3066



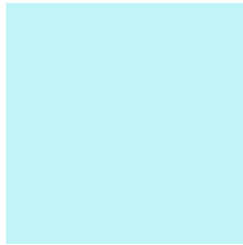
13.7116, 0.3308, 0.1596



1.2085, 0.3295, 0.1589

Previews

White Background



This preview shows how the Yxy color 82.6926, 0.2805, 0.3267 looks on a white background.

Color Contrast Check

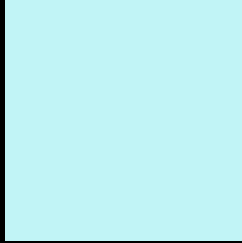
Large Text (above 18pt) WCAG AA × Fail

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 82.6926, 0.2805, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

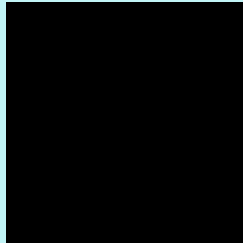
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.6926, 0.2805, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 82.6926, 0.2805, 0.3267.

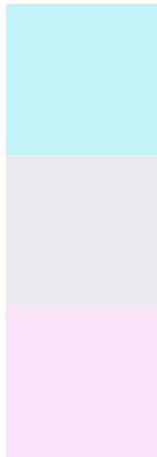


This preview shows how white text looks on a background with the Yxy color 82.6926, 0.2805, 0.3267.

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

82.6926, 0.2805, 0.3267

Protanopia

82.3427, 0.3110, 0.3229

Deuteranopia

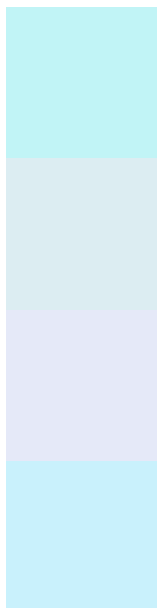
82.1017, 0.3144, 0.3073



Tritanopia

82.6620, 0.2829, 0.3132

Trichromacy



Original Color

82.6926, 0.2805, 0.3267

Protanomaly

82.1948, 0.2987, 0.3237

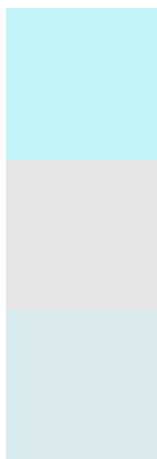
Deuteranomaly

81.7132, 0.3009, 0.3136

Tritanomaly

82.3564, 0.2816, 0.3172

Monochromacy



Original Color

82.6926, 0.2805, 0.3267

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.4427, 0.3002, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6926, 0.2805, 0.3267 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(193, 244, 246)` looks like.

```
.text, #text, p{  
    color:rgb(193, 244, 246)  
}
```

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(193, 244, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 244, 246) }
```

Border

The CSS property to change the border of an element to Yxy 82.6926, 0.2805, 0.3267 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(193, 244, 246) }
```

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

```
.border{ border-color:rgb(193, 244, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 244, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 244, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 244, 246); box-shadow:4px 4px 4px 4px rgb(193, 244, 246) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6926, 0.2805, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 244, 246) }
```

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

```
.background{ background-color: rgb(193,  
244, 246) }
```

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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