

Converting Colors

$Yxy(82.8529, 0.2861, 0.3247)$

Have a look what the booklet for
Yxy(82.8529, 0.2861, 0.3247)
contains.

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Color

Yxy(82.8546, 0.2861, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	CBF2F6
RGB	203, 242, 246
RGB Percent	80%, 95%, 96%
CMY	0.2041, 0.0509, 0.0354
CMYK	0.17, 0.02, 0.00, 0.04
HSL	186°, 70%, 88%
HSV	186°, 17%, 96%
XYZ	73.0049, 82.8546, 99.3132
YIQ	230.7950, -24.5280, -7.0240

Conversions

Conversions Part 2

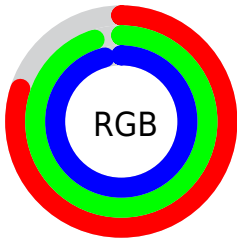
Format	Color
R_{YB}	203, 223, 246
Decimal	13366006
CIE _{Lab}	92.95, -11.71, -6.11
CIE _{LCh}	93, 13.211, 207.568
Yxy	82.8546, 0.2861, 0.3247
Android (android.graphics.Color)	4291556086 (0xFFC _B F2F6)
YUV	230.7950, 7.4961, -24.3762
Hunter-Lab	91.0245, -16.1294, -0.9718

Details

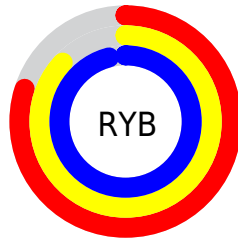
The Yxy color **82.8546, 0.2861, 0.3247** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.4890, 0.3458, 0.3333**, and the grayscale version is **79.7045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.1314, 0.2799, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **78.3348, 0.2719, 0.3220**, and if you desaturate by 10%, it is **87.9458, 0.3011, 0.3272**.

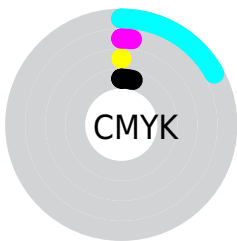
Distribution



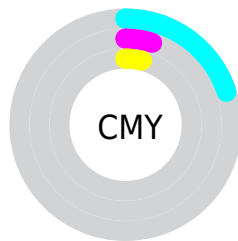
- Red (80%)
- Green (95%)
- Blue (96%)



- Red (80%)
- Yellow (87%)
- Blue (96%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.8546, 0.2861, 0.3247 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 82.8546, 0.2861, 0.3247 by changing the saturation by 10% instead.

82.8546, 0.2861,
0.3247

82.8546, 0.2861,
0.3247

504.5018, 0.2980,
0.3268

62.0702, 0.2835,
0.3242

137.3718, 0.2902,
0.3254

45.0894, 0.2802,
0.3236

171.8734, 0.2918,
0.3257

31.5279, 0.2762,
0.3228

211.7162, 0.2932,
0.3260

21.0011, 0.2711,
0.3217

257.2846, 0.2944,
0.3262

13.1248, 0.2642,
0.3203

308.9629, 0.2955,
0.3264

7.5146, 0.2547,
0.3181

367.1356, 0.2964,

3.7859, 0.2407,

0.3265

0.3145

432.1871, 0.2973,
0.3267

■ 1.5546, 0.2178,
0.3080

■ 0.3267, 0.0217,
0.2880

■ 82.8546, 0.2861,
0.3247

■ 82.8546, 0.2861,
0.3247

■ 78.3348, 0.2719,
0.3220

■ 87.9458, 0.3011,
0.3272

■ 74.3502, 0.2589,
0.3191

■ 93.6222, 0.3167,
0.3296

■ 70.8765, 0.2474,
0.3160

■ 95.5469, 0.3183,
0.3317

■ 67.8831, 0.2375,
0.3129

■ 96.9542, 0.3182,
0.3339

■ 65.3361, 0.2295,
0.3097

■ 98.3784, 0.3180,
0.3361

■ 63.1970, 0.2235,
0.3064

■ 99.4324, 0.3179,
0.3376

■ 61.4208, 0.2194,
0.3033

■ 59.9479, 0.2170,
0.3001

■ 59.6025, 0.2165,
0.2993

Harmonies

Analogous

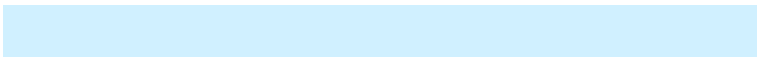
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8546, 0.2956, 0.3388



82.8546, 0.2861, 0.3247



82.8546, 0.2836, 0.3123

Triad

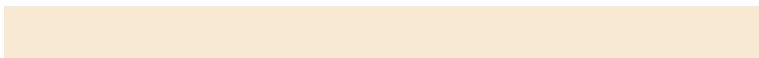
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.8546, 0.2861, 0.3247



82.8546, 0.3151, 0.3090



82.8546, 0.3372, 0.3535

Complementary

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



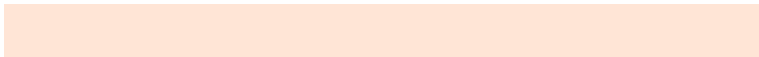
82.8546, 0.2861, 0.3247



68.4890, 0.3458, 0.3333

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.



82.8546, 0.3428, 0.3448



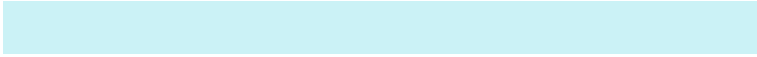
82.8546, 0.2861, 0.3247



82.8546, 0.3298, 0.3193

Square

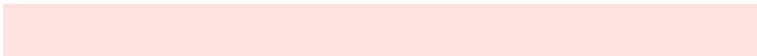
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.8546, 0.2861, 0.3247



82.8546, 0.3000, 0.3036



82.8546, 0.3401, 0.3323



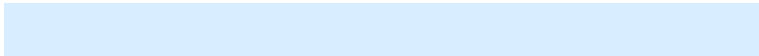
82.8546, 0.3250, 0.3557

Rectangle

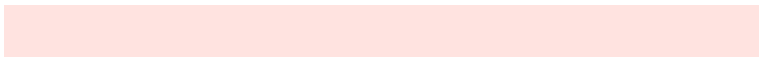
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



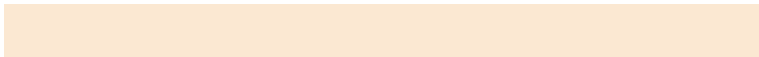
82.8546, 0.2861, 0.3247



82.8546, 0.2861, 0.3065



82.8546, 0.3401, 0.3323



82.8546, 0.3399, 0.3512

Sweetspot

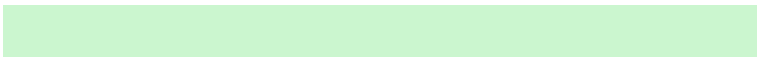
The Sweet Spot groups the original color and five complimentary colors.



82.8580, 0.2861, 0.3247



96.9147, 0.3049, 0.3278



83.0721, 0.3084, 0.3725



20.6537, 0.3038, 0.3277



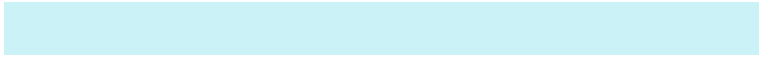
0.0000, 0.0000, 0.0000



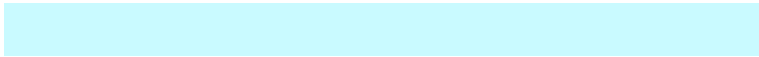
21.4041, 0.3127, 0.3290

Same Dimension

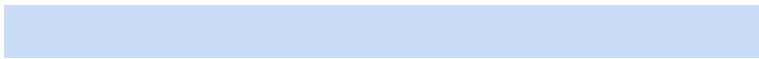
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.8580, 0.2861, 0.3247



88.1141, 0.2810, 0.3238



70.9976, 0.2849, 0.3016



18.4815, 0.2981, 0.3268



31.9309, 0.2166, 0.2999



2.8812, 0.2177, 0.3038

Inverse Universe

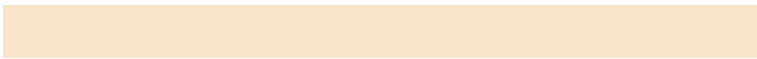
The Inverse Universe completely reimagines the original color for something new.



68.6964, 0.3175, 0.2894



70.1499, 0.3186, 0.2812



79.4162, 0.3421, 0.3550



16.7404, 0.3152, 0.3078



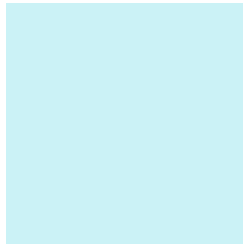
13.3228, 0.3455, 0.1677



1.1785, 0.3421, 0.1658

Previews

White Background



This preview shows how the Yxy color 82.8546, 0.2861, 0.3247 looks on a white background.

Color Contrast Check

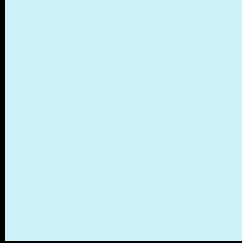
Large Text (above 18pt) WCAG AA × Fail

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 82.8546, 0.2861, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

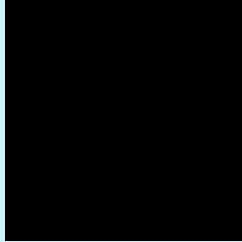
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.8546, 0.2861, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 82.8546, 0.2861, 0.3247.

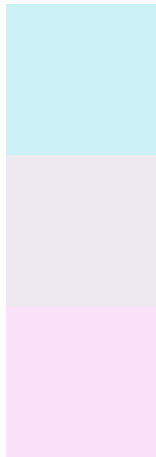


This preview shows how white text looks on a background with the Yxy color 82.8546, 0.2861, 0.3247.

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

82.8546, 0.2861, 0.3247

Protanopia

82.4616, 0.3097, 0.3209

Deuteranopia

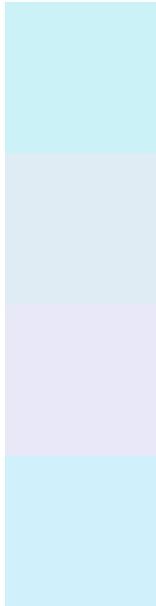
82.1017, 0.3144, 0.3073



Tritanopia

82.8019, 0.2858, 0.3122

Trichromacy



Original Color

82.8546, 0.2861, 0.3247

Protanomaly

82.3093, 0.3006, 0.3217

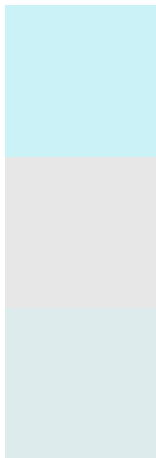
Deuteranomaly

81.8142, 0.3035, 0.3127

Tritanomaly

82.7583, 0.2857, 0.3163

Monochromacy



Original Color

82.8546, 0.2861, 0.3247

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.8449, 0.3029, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.8546, 0.2861, 0.3247 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(203, 242, 246)` looks like.

```
.text, #text, p{  
    color:rgb(203, 242, 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(203, 242, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 242, 246) }
```

Border

The CSS property to change the border of an element to Yxy 82.8546, 0.2861, 0.3247 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(203, 242, 246) }
```

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

```
.border{ border-color:rgb(203, 242, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 242, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 242, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 242, 246);  
box-shadow:4px 4px 4px 4px rgb(203, 242,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 82.8546, 0.2861, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 242, 246) }
```

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

```
.background{ background-color: rgb(203,  
242, 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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