

Converting Colors

Yxy(82.1342, 0.2844, 0.3253)

Have a look what the booklet for
Yxy(82.1342, 0.2844, 0.3253)
contains.

Yxy(82.2389, 0.2843, 0.3257)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(82.2389, 0.2843, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	C7F2F5
RGB	199, 242, 245
RGB Percent	78%, 95%, 96%
CMY	0.2196, 0.0510, 0.0392
CMYK	0.19, 0.01, 0.00, 0.04
HSL	184°, 70%, 87%
HSV	184°, 19%, 96%
XYZ	71.7854, 82.2389, 98.4746
YIQ	229.4850, -26.5910, -8.1830

Conversions

Conversions Part 2

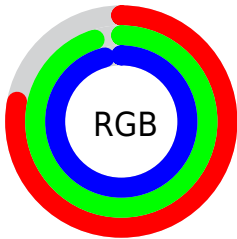
Format	Color
R _Y B	199, 221, 245
Decimal	13103861
CIE Lab	92.68, -13.11, -6.03
CIE LCh	93, 14.431, 204.713
Yxy	82.2389, 0.2843, 0.3257
Android (android.graphics.Color)	4291293941 (0xFFC7F2F5)
YUV	229.4850, 7.6489, -26.7353
Hunter-Lab	90.6857, -17.4019, -0.9024

Details

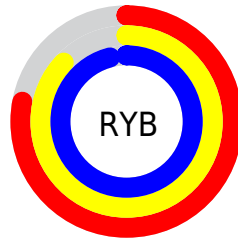
The Yxy color **82.2389, 0.2843, 0.3257** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.7724, 0.3490, 0.3323**, and the grayscale version is **78.6891, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7212, 0.2777, 0.3247** is the 20% darker color. If you saturate the color by 10%, you get **78.2116, 0.2704, 0.3238**, and if you desaturate by 10%, it is **86.8207, 0.2991, 0.3275**.

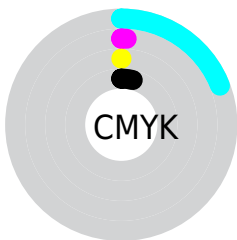
Distribution



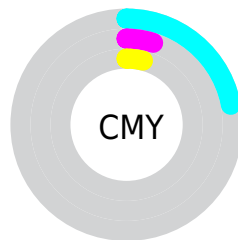
- Red (78%)
- Green (95%)
- Blue (96%)



- Red (78%)
- Yellow (87%)
- Blue (96%)



- Cyan (19%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (22%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.2389, 0.2843, 0.3257 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 82.2389, 0.2843, 0.3257 by changing the saturation by 10% instead.

82.2389, 0.2843,
0.3257

82.2389, 0.2843,
0.3257

502.4465, 0.2971,
0.3273

61.5625, 0.2815,
0.3253

136.5090, 0.2887,
0.3263

44.6793, 0.2780,
0.3248

170.8714, 0.2904,
0.3265

31.2049, 0.2737,
0.3241

210.5646, 0.2919,
0.3267

20.7549, 0.2682,
0.3232

255.9730, 0.2932,
0.3269

12.9450, 0.2609,
0.3220

307.4810, 0.2943,
0.3270

7.3907, 0.2507,
0.3201

365.4730, 0.2953,

3.7076, 0.2356,

0.3271

0.3169

430.3333, 0.2962,
0.3272

■ 1.5114, 0.2111,
0.3108

■ 0.2967, 0.0000,
0.2849

■ 82.2389, 0.2843,
0.3257

■ 82.2389, 0.2843,
0.3257

■ 78.2116, 0.2704,
0.3238

■ 86.8207, 0.2991,
0.3275

■ 74.7028, 0.2578,
0.3217


■ 91.9710, 0.3146,
0.3292


■ 71.6882, 0.2468,
0.3195

■ 94.2448, 0.3191,
0.3307


■ 69.1371, 0.2375,
0.3173


■ 95.2229, 0.3190,
0.3323

 67.0155, 0.2301,
0.3151


 96.2093, 0.3189,
0.3338


 65.2847, 0.2246,
0.3128


 97.2041, 0.3187,
0.3353

 63.8989, 0.2211,
0.3106

 98.2073, 0.3186,
0.3368

 62.7908, 0.2191,
0.3085

 99.2189, 0.3185,
0.3384

 62.6635, 0.2190,
0.3082

 99.3725, 0.3185,
0.3386

Harmonies

Analogous

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



82.2389, 0.2953, 0.3411



82.2389, 0.2843, 0.3257



82.2389, 0.2807, 0.3117

Triad

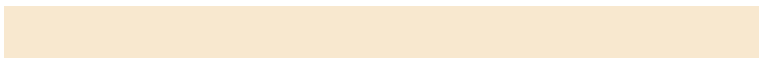
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.2389, 0.2843, 0.3257



82.2389, 0.3137, 0.3063



82.2389, 0.3405, 0.3552

Complementary

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



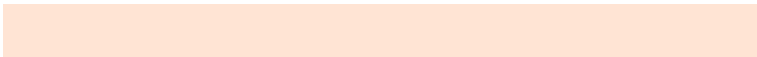
82.2389, 0.2843, 0.3257



65.7724, 0.3490, 0.3323

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.



82.2389, 0.3458, 0.3450



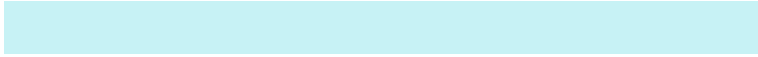
82.2389, 0.2843, 0.3257



82.2389, 0.3301, 0.3172

Square

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



82.2389, 0.2843, 0.3257



82.2389, 0.2974, 0.3011



82.2389, 0.3419, 0.3312



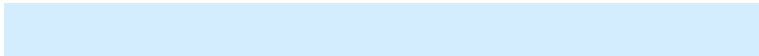
82.2389, 0.3277, 0.3584

Rectangle

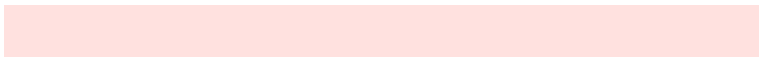
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



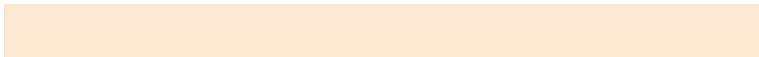
82.2389, 0.2843, 0.3257



82.2389, 0.2830, 0.3051



82.2389, 0.3419, 0.3312



82.2389, 0.3432, 0.3524

Sweetspot

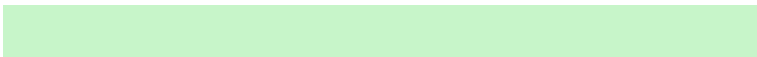
The Sweet Spot groups the original color and five complimentary colors.



82.2423, 0.2843, 0.3257



96.5793, 0.3034, 0.3280



81.6773, 0.3090, 0.3779



20.5952, 0.3024, 0.3279



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.



82.2423, 0.2843, 0.3257



88.1121, 0.2782, 0.3249



69.7625, 0.2829, 0.3011



18.5623, 0.2981, 0.3274



33.8384, 0.2191, 0.3086



3.0288, 0.2198, 0.3113

Inverse Universe

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



66.6692, 0.3170, 0.2852



67.8746, 0.3181, 0.2751



77.0077, 0.3448, 0.3554



16.7486, 0.3148, 0.3072



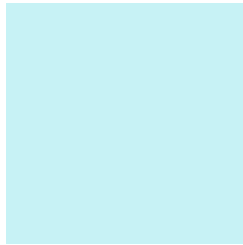
13.5154, 0.3379, 0.1635



1.1934, 0.3356, 0.1622

Previews

White Background



This preview shows how the Yxy color 82.2389, 0.2843, 0.3257 looks on a white background.

Color Contrast Check

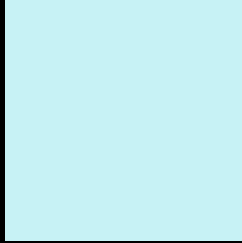
Large Text (above 18pt) WCAG AA × Fail

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 82.2389, 0.2843, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

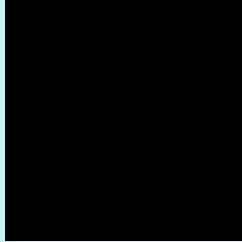
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.2389, 0.2843, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 82.2389, 0.2843, 0.3257.

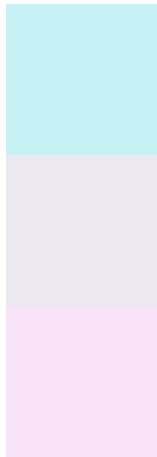


This preview shows how white text looks on a background with the Yxy color 82.2389, 0.2843, 0.3257.

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

82.2389, 0.2843, 0.3257

Protanopia

81.7781, 0.3110, 0.3218

Deuteranopia

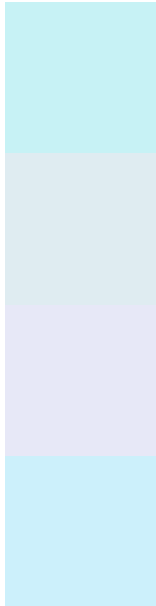
81.8552, 0.3144, 0.3083



Tritanopia

82.2184, 0.2834, 0.3121

Trichromacy



Original Color

82.2389, 0.2843, 0.3257

Protanomaly

82.0298, 0.3012, 0.3238

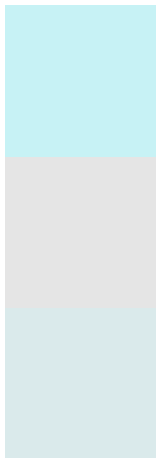
Deuteranomaly

81.4176, 0.3028, 0.3136

Tritanomaly

82.1226, 0.2839, 0.3173

Monochromacy



Original Color

82.2389, 0.2843, 0.3257

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.7492, 0.3015, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.2389, 0.2843, 0.3257 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(199, 242, 245)` looks like.

```
.text, #text, p{  
    color:rgb(199, 242, 245)  
}
```

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(199, 242, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 242, 245) }
```

Border

The CSS property to change the border of an element to Yxy 82.2389, 0.2843, 0.3257 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(199, 242, 245) }
```

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

```
.border{ border-color:rgb(199, 242, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 242, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 242, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 242, 245);  
box-shadow:4px 4px 4px 4px rgb(199, 242,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 82.2389, 0.2843, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 242, 245) }
```

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

```
.background{ background-color: rgb(199,  
242, 245) }
```

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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