

Converting Colors

$Yxy(83.0689, 0.2904, 0.3262)$

Have a look what the booklet for
Yxy(83.0689, 0.2904, 0.3262)
contains.

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Color

Yxy(82.8521, 0.2902, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	D0F1F4
RGB	208, 241, 244
RGB Percent	82%, 95%, 96%
CMY	0.1842, 0.0549, 0.0433
CMYK	0.15, 0.01, 0.00, 0.04
HSL	185°, 62%, 89%
HSV	185°, 15%, 96%
XYZ	73.7989, 82.8521, 97.6526
YIQ	231.4750, -20.6310, -6.0630

Conversions

Conversions Part 2

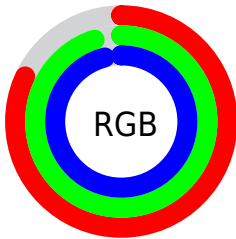
Format	Color
R _Y B	208, 225, 244
Decimal	13693428
CIE Lab	92.95, -10.05, -5.03
CIE LCh	93, 11.240, 206.576
Yxy	82.8521, 0.2902, 0.3258
Android (android.graphics.Color)	4291883508 (0xFFD0F1F4)
YUV	231.4750, 6.1748, -20.5876
Hunter-Lab	91.0231, -14.5679, 0.1080

Details

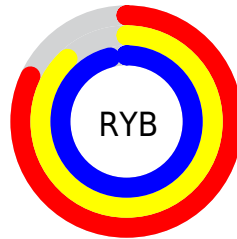
The Yxy color **82.8521, 0.2902, 0.3258** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.3661, 0.3398, 0.3322**, and the grayscale version is **80.2530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.1011, 0.2849, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **78.4051, 0.2758, 0.3234**, and if you desaturate by 10%, it is **87.8629, 0.3054, 0.3280**.

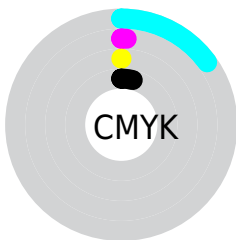
Distribution



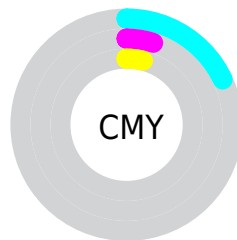
- Red (82%)
- Green (95%)
- Blue (96%)



- Red (82%)
- Yellow (88%)
- Blue (96%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (18%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.8521, 0.2902, 0.3258 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 82.8521, 0.2902, 0.3258 by changing the saturation by 10% instead.

82.8521, 0.2902,
0.3258

82.8521, 0.2902,
0.3258

504.4935, 0.3003,
0.3273

62.0681, 0.2880,
0.3254

137.3683, 0.2937,
0.3263

45.0878, 0.2852,
0.3250

171.8693, 0.2950,
0.3266

31.5266, 0.2818,
0.3244

211.7115, 0.2962,
0.3267

21.0001, 0.2774,
0.3236

257.2792, 0.2972,
0.3269

13.1241, 0.2716,
0.3225

308.9569, 0.2981,
0.3270

7.5141, 0.2635,
0.3209

367.1289, 0.2989,

3.7856, 0.2514,

0.3271

0.3183

432.1796, 0.2997,
0.3273

■ 1.5544, 0.2315,
0.3134

■ 0.3265, 0.0591,
0.2972

■ 82.8521, 0.2902,
0.3258

■ 82.8521, 0.2902,
0.3258

■ 78.4051, 0.2758,
0.3234

■ 87.8629, 0.3054,
0.3280

■ 74.4869, 0.2625,
0.3209

■ 93.1016, 0.3198,
0.3300

■ 71.0740, 0.2507,
0.3182

■ 94.3222, 0.3197,
0.3320

■ 68.1375, 0.2404,
0.3154

■ 95.5560, 0.3195,
0.3339

■ 65.6452, 0.2320,
0.3125

■ 96.8030, 0.3194,
0.3358

■ 63.5607, 0.2256,
0.3097

■ 98.0633, 0.3193,
0.3377

■ 61.8421, 0.2211,
0.3069

■ 99.3089, 0.3191,
0.3396

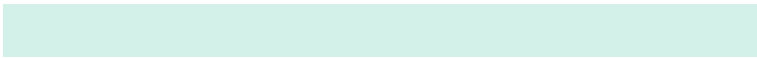
■ 60.4375, 0.2183,
0.3041

■ 59.7823, 0.2174,
0.3026

Harmonies

Analogous

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



82.8521, 0.2985, 0.3377



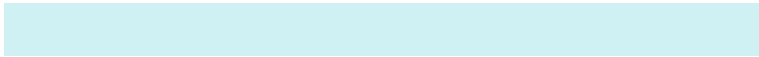
82.8521, 0.2902, 0.3258



82.8521, 0.2878, 0.3151

Triad

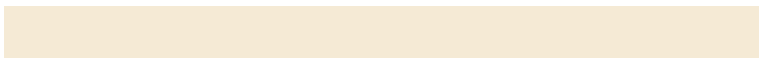
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.8521, 0.2902, 0.3258



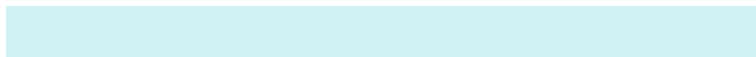
82.8521, 0.3143, 0.3117



82.8521, 0.3338, 0.3497

Complementary

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



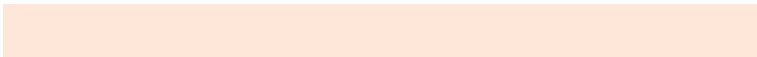
82.8521, 0.2902, 0.3258



70.3661, 0.3398, 0.3322

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.



82.8521, 0.3383, 0.3422



82.8521, 0.2902, 0.3258



82.8521, 0.3269, 0.3204

Square

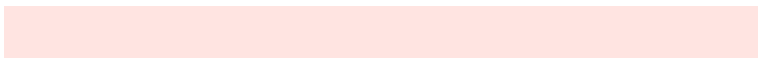
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.8521, 0.2902, 0.3258



82.8521, 0.3015, 0.3073



82.8521, 0.3358, 0.3315



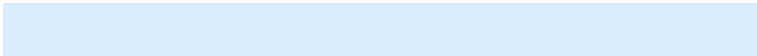
82.8521, 0.3236, 0.3517

Rectangle

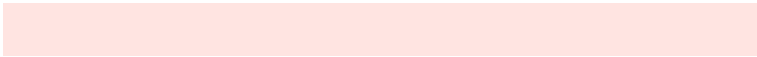
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.8521, 0.2902, 0.3258



82.8521, 0.2898, 0.3101



82.8521, 0.3358, 0.3315



82.8521, 0.3360, 0.3477

Sweetspot

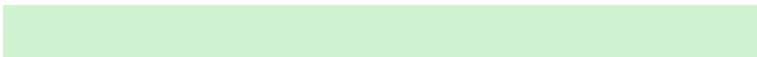
The Sweet Spot groups the original color and five complimentary colors.



82.8555, 0.2902, 0.3258



97.5825, 0.3065, 0.3282



82.7643, 0.3095, 0.3656



20.7918, 0.3053, 0.3280



0.0000, 0.0000, 0.0000



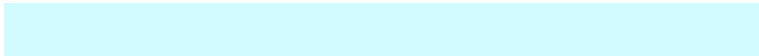
21.4041, 0.3127, 0.3290

Same Dimension

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



82.8555, 0.2902, 0.3258



89.9251, 0.2853, 0.3250



73.0425, 0.2895, 0.3070



18.5109, 0.2981, 0.3270



32.6176, 0.2175, 0.3031



2.9344, 0.2185, 0.3066

Inverse Universe

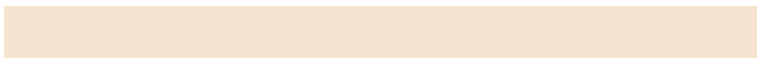
The Inverse Universe completely reimagines the original color for something new.



70.7070, 0.3165, 0.2955



73.8893, 0.3174, 0.2877



79.4833, 0.3371, 0.3501



16.7434, 0.3151, 0.3076



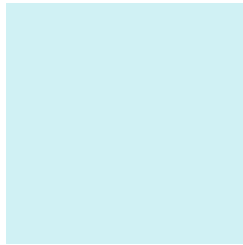
13.3921, 0.3427, 0.1662



1.1839, 0.3397, 0.1645

Previews

White Background



This preview shows how the Yxy color 82.8521, 0.2902, 0.3258 looks on a white background.

Color Contrast Check

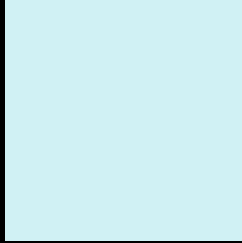
Large Text (above 18pt) WCAG AA × Fail

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 82.8521, 0.2902, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

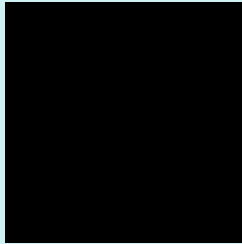
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

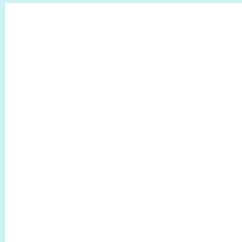
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.8521, 0.2902, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 82.8521, 0.2902, 0.3258.

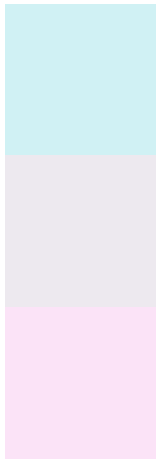


This preview shows how white text looks on a background with the Yxy color 82.8521, 0.2902, 0.3258.

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

82.8521, 0.2902, 0.3258

Protanopia

82.5143, 0.3117, 0.3229

Deuteranopia

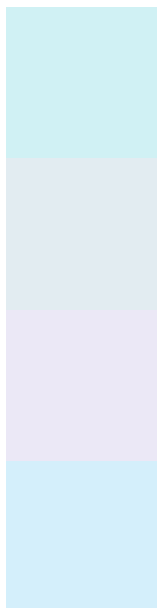
82.1628, 0.3164, 0.3093



Tritanopia

82.6652, 0.2875, 0.3113

Trichromacy



Original Color

82.8521, 0.2902, 0.3258

Protanomaly

82.5105, 0.3031, 0.3238

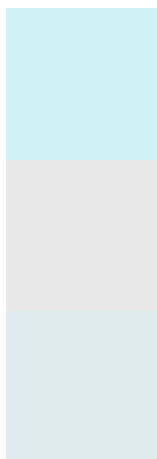
Deuteranomaly

82.0292, 0.3060, 0.3148

Tritanomaly

82.6951, 0.2886, 0.3164

Monochromacy



Original Color

82.8521, 0.2902, 0.3258

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

81.1608, 0.3042, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.8521, 0.2902, 0.3258 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(208, 241, 244)` looks like.

```
.text, #text, p{  
    color:rgb(208, 241, 244)  
}
```

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(208, 241, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 241, 244) }
```

Border

The CSS property to change the border of an element to Yxy 82.8521, 0.2902, 0.3258 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(208, 241, 244) }
```

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

```
.border{ border-color:rgb(208, 241, 244) }
```

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

Here you see how a box with a 4 pixel rgb(208, 241, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 241, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 241, 244);  
box-shadow:4px 4px 4px 4px rgb(208, 241,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 82.8521, 0.2902, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 241, 244) }
```

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

```
.background{ background-color: rgb(208,  
241, 244) }
```

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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