

Converting Colors

Yxy(84.1460, 0.2952, 0.3268)

Have a look what the booklet for
Yxy(84.1460, 0.2952, 0.3268)
contains.

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Color

Yxy(83.9806, 0.2956, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	D8F1F3
RGB	216, 241, 243
RGB Percent	85%, 95%, 95%
CMY	0.1531, 0.0548, 0.0472
CMYK	0.11, 0.01, 0.00, 0.05
HSL	184°, 53%, 90%
HSV	184°, 11%, 95%
XYZ	75.9396, 83.9806, 96.9797
YIQ	233.7530, -15.5420, -4.6780

Conversions

Conversions Part 2

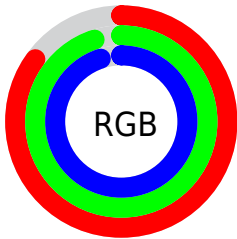
Format	Color
R _Y B	216, 229, 243
Decimal	14217715
CIE Lab	93.44, -7.77, -3.74
CIE LCh	93, 8.625, 205.667
Yxy	83.9806, 0.2956, 0.3269
Android (android.graphics.Color)	4292407795 (0xFFD8F1F3)
YUV	233.7530, 4.5588, -15.5694
Hunter-Lab	91.6409, -12.4549, 1.4045

Details

The Yxy color **83.9806, 0.2956, 0.3269** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.1058, 0.3324, 0.3311**, and the grayscale version is **82.0531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.8628, 0.2918, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **79.5171, 0.2809, 0.3248**, and if you desaturate by 10%, it is **89.0083, 0.3110, 0.3288**.

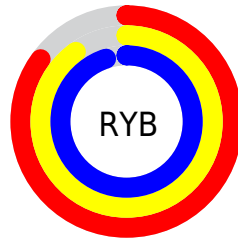
Distribution



Red (85%)

Green (95%)

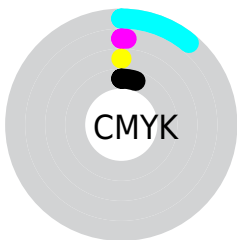
Blue (95%)



Red (85%)

Yellow (90%)

Blue (95%)

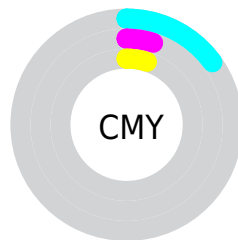


Cyan (11%)

Magenta (1%)

Yellow (0%)

Black (5%)



Cyan (15%)


Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.9806, 0.2956, 0.3269 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 83.9806, 0.2956, 0.3269 by changing the saturation by 10% instead.

 83.9806, 0.2956,
0.3269

 83.9806, 0.2956,
0.3269


508.2488, 0.3033,
0.3279

 62.9994, 0.2939,
0.3267


138.9480, 0.2982,
0.3273

 45.8407, 0.2918,
0.3264

173.7031, 0.2993,
0.3274

 32.1202, 0.2892,
0.3260

213.8182, 0.3002,
0.3275

 21.4533, 0.2859,
0.3255

259.6778, 0.3009,
0.3276

 13.4557, 0.2815,
0.3248

311.6663, 0.3016,
0.3277

 7.7431, 0.2753,
0.3238

370.1680, 0.3022,

 3.9310, 0.2661,

0.3278

0.3221

435.5674, 0.3028,
0.3278

■ 1.6351, 0.2509,
0.3191

■ 0.3811, 0.1402,
0.3099

■ 83.9806, 0.2956,
0.3269

■ 83.9806, 0.2956,
0.3269

■ 79.5171, 0.2809,
0.3248

■ 89.0083, 0.3110,
0.3288

■ 75.5834, 0.2673,
0.3226


■ 92.7544, 0.3205,
0.3305


■ 72.1572, 0.2550,
0.3203


■ 93.8212, 0.3203,
0.3322


■ 69.2107, 0.2442,
0.3179


■ 94.8982, 0.3202,
0.3339


 66.7131, 0.2353,
0.3154

 95.9853, 0.3201,
0.3356

 64.6302, 0.2282,
0.3129


 97.0826, 0.3199,
0.3373

 62.9228, 0.2232,
0.3104

 98.1902, 0.3198,
0.3390

 61.5437, 0.2199,
0.3080

 99.2495, 0.3197,
0.3405

 60.5272, 0.2183,
0.3058

Harmonies

Analogous

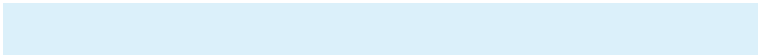
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.9806, 0.3021, 0.3359



83.9806, 0.2956, 0.3269



83.9806, 0.2936, 0.3187

Triad

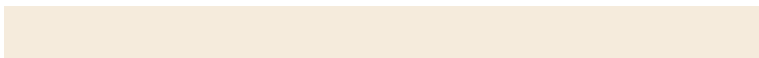
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.9806, 0.2956, 0.3269



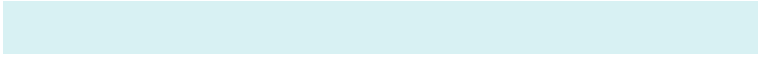
83.9806, 0.3137, 0.3155



83.9806, 0.3290, 0.3447

Complementary

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



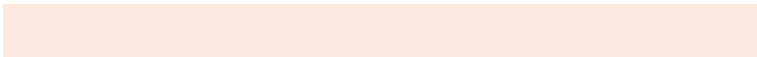
83.9806, 0.2956, 0.3269



74.1058, 0.3324, 0.3311

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.



83.9806, 0.3322, 0.3389



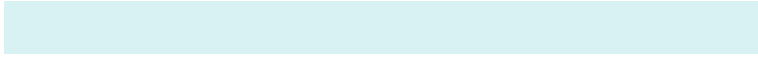
83.9806, 0.2956, 0.3269



83.9806, 0.3233, 0.3222

Square

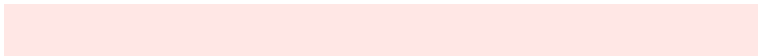
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.9806, 0.2956, 0.3269



83.9806, 0.3039, 0.3123



83.9806, 0.3301, 0.3307



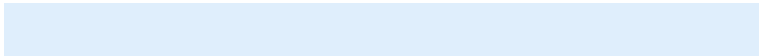
83.9806, 0.3214, 0.3463

Rectangle

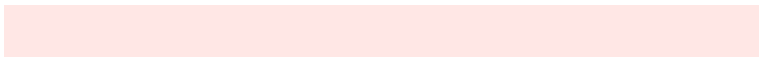
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



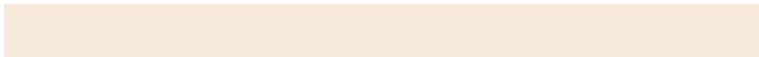
83.9806, 0.2956, 0.3269



83.9806, 0.2951, 0.3147



83.9806, 0.3301, 0.3307



83.9806, 0.3306, 0.3432

Sweetspot

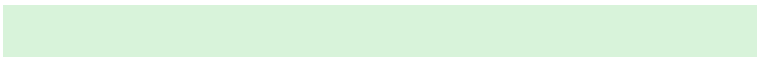
The Sweet Spot groups the original color and five complimentary colors.



83.9841, 0.2956, 0.3269



98.2250, 0.3080, 0.3285



83.7283, 0.3103, 0.3560



20.9248, 0.3068, 0.3283



0.0000, 0.0000, 0.0000



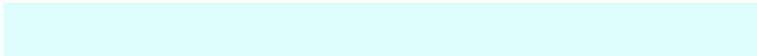
21.4041, 0.3127, 0.3290

Same Dimension

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



83.9841, 0.2956, 0.3269



92.7241, 0.2927, 0.3265



76.3663, 0.2954, 0.3127



18.5403, 0.2981, 0.3272



33.3133, 0.2184, 0.3062



2.9882, 0.2193, 0.3093

Inverse Universe

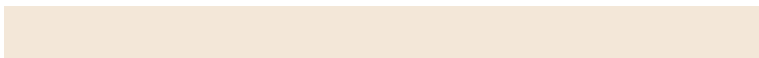
The Inverse Universe completely reimagines the original color for something new.



74.4940, 0.3153, 0.3036



80.4893, 0.3158, 0.2991



81.3083, 0.3307, 0.3448



16.7464, 0.3149, 0.3073



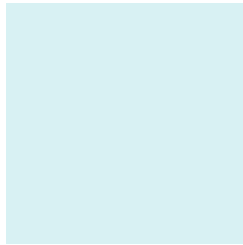
13.4624, 0.3400, 0.1647



1.1893, 0.3373, 0.1632

Previews

White Background



This preview shows how the Yxy color 83.9806, 0.2956, 0.3269 looks on a white background.

Color Contrast Check

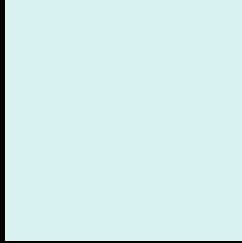
Large Text (above 18pt) WCAG AA × Fail

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 83.9806, 0.2956, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

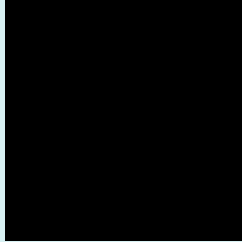
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

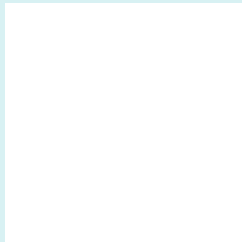
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.9806, 0.2956, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 83.9806, 0.2956, 0.3269.

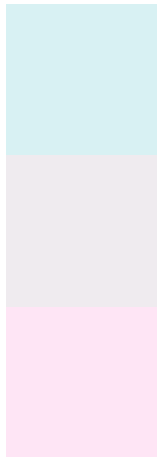


This preview shows how white text looks on a background with the Yxy color 83.9806, 0.2956, 0.3269.

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

83.9806, 0.2956, 0.3269

Protanopia

83.9994, 0.3129, 0.3250

Deuteranopia

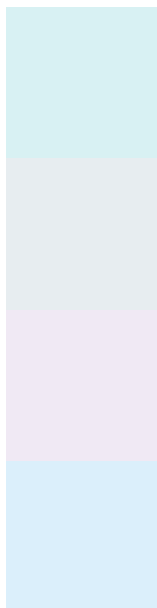
83.7020, 0.3196, 0.3134



Tritanopia

83.7412, 0.2918, 0.3115

Trichromacy



Original Color

83.9806, 0.2956, 0.3269

Protanomaly

83.8486, 0.3069, 0.3259

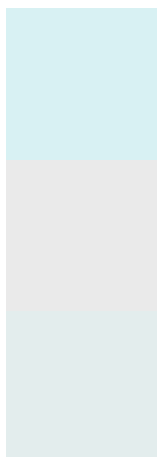
Deuteranomaly

83.3347, 0.3106, 0.3179

Tritanomaly

83.7581, 0.2929, 0.3165

Monochromacy



Original Color

83.9806, 0.2956, 0.3269

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

83.0137, 0.3061, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.9806, 0.2956, 0.3269 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(216, 241, 243)` looks like.

```
.text, #text, p{  
    color:rgb(216, 241, 243)  
}
```

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(216, 241, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 241, 243) }
```

Border

The CSS property to change the border of an element to Yxy 83.9806, 0.2956, 0.3269 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(216, 241, 243) }
```

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

```
.border{ border-color:rgb(216, 241, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 241, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 241, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 241, 243);  
box-shadow:4px 4px 4px 4px rgb(216, 241,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 83.9806, 0.2956, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 241, 243) }
```

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

```
.background{ background-color: rgb(216,  
241, 243) }
```

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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