

Converting Colors

Yxy(86.1330, 0.3000, 0.3316)

Have a look what the booklet for
Yxy(86.1330, 0.3000, 0.3316)
contains.

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Color

Yxy(85.8242, 0.2999, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	DDF3F1
RGB	221, 243, 241
RGB Percent	87%, 95%, 95%
CMY	0.1331, 0.0471, 0.0548
CMYK	0.09, 0.00, 0.01, 0.05
HSL	175°, 48%, 91%
HSV	175°, 9%, 95%
XYZ	77.7604, 85.8242, 95.7031
YIQ	236.1940, -12.4700, -5.2860

Conversions

Conversions Part 2

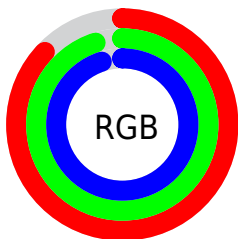
Format	Color
R _Y B	221, 233, 243
Decimal	14545905
CIE Lab	94.24, -7.52, -1.52
CIE LCh	94, 7.673, 191.400
Yxy	85.8242, 0.2999, 0.3310
Android (android.graphics.Color)	4292735985 (0xFFDDDF3F1)
YUV	236.1940, 2.3694, -13.3251
Hunter-Lab	92.6414, -12.2949, 3.5995

Details

The Yxy color **85.8242, 0.2999, 0.3310** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.1219, 0.3271, 0.3270**, and the grayscale version is **84.0348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.1504, 0.2972, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **82.1550, 0.2864, 0.3334**, and if you desaturate by 10%, it is **90.0542, 0.3141, 0.3288**.

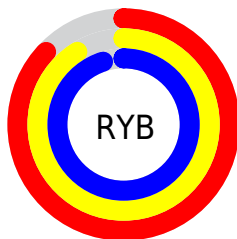
Distribution



Red (87%)

Green (95%)

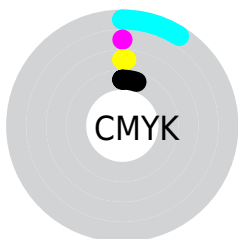
Blue (95%)



Red (87%)

Yellow (91%)

Blue (95%)

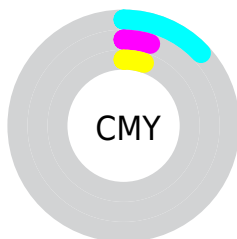


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (5%)



Cyan (13%)


Magenta (5%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.8242, 0.2999, 0.3310 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 85.8242, 0.2999, 0.3310 by changing the saturation by 10% instead.


 85.8242, 0.2999,
0.3310

 85.8242, 0.2999,
0.3310


514.3514, 0.3056,
0.3301

 64.5226, 0.2986,
0.3312


141.5241, 0.3019,
0.3307

 47.0741, 0.2971,
0.3314


176.6913, 0.3026,
0.3306

 33.0942, 0.2951,
0.3317


217.2491, 0.3033,
0.3305

 22.1986, 0.2927,
0.3320

263.5819, 0.3039,
0.3304

 14.0029, 0.2894,
0.3325

316.0741, 0.3044,
0.3303

 8.1227, 0.2848,
0.3331


375.1102, 0.3049,


 4.1736, 0.2779,

0.3303

441.0745, 0.3053,
0.3302


0.3340


 1.7711, 0.2667,
0.3354


 0.4691, 0.1945,
0.3480


 85.8242, 0.2999,
0.3310


 85.8242, 0.2999,
0.3310


 82.1550, 0.2864,
0.3334


 90.0542, 0.3141,
0.3288


 79.0122, 0.2739,
0.3360


 91.9711, 0.3191,
0.3267

 76.3741, 0.2627,
0.3388

 92.1053, 0.3178,
0.3246

 74.2133, 0.2530,
0.3417

 92.2410, 0.3164,
0.3225


 72.4998, 0.2452,
0.3448


 92.3783, 0.3151,
0.3204


 71.2002, 0.2392,
0.3478

 92.5172, 0.3138,
0.3184

 70.2764, 0.2352,
0.3509

 92.5753, 0.3133,
0.3175

 69.6834, 0.2331,
0.3540

 69.3530, 0.2326,
0.3571

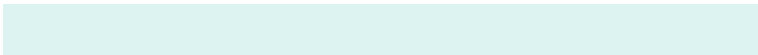
Harmonies

Analogous

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



85.8242, 0.3071, 0.3384



85.8242, 0.2999, 0.3310



85.8242, 0.2961, 0.3231

Triad

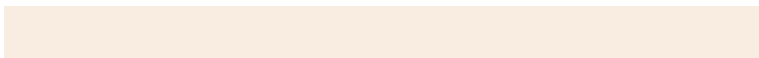
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8242, 0.2999, 0.3310



85.8242, 0.3093, 0.3153



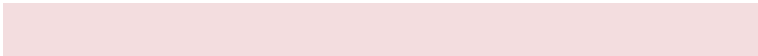
85.8242, 0.3290, 0.3409

Complementary

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



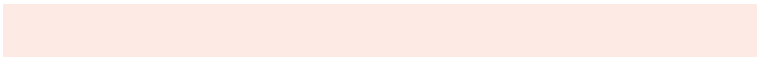
85.8242, 0.2999, 0.3310



76.1219, 0.3271, 0.3270

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.



85.8242, 0.3296, 0.3345



85.8242, 0.2999, 0.3310



85.8242, 0.3182, 0.3199

Square

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



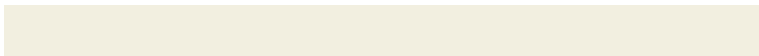
85.8242, 0.2999, 0.3310



85.8242, 0.3015, 0.3142



85.8242, 0.3257, 0.3269



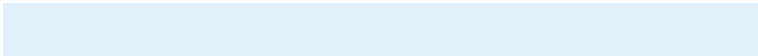
85.8242, 0.3239, 0.3441

Rectangle

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



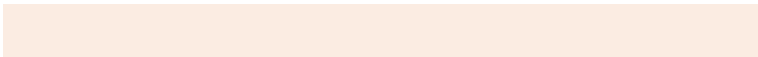
85.8242, 0.2999, 0.3310



85.8242, 0.2960, 0.3187



85.8242, 0.3257, 0.3269



85.8242, 0.3297, 0.3390

Sweetspot

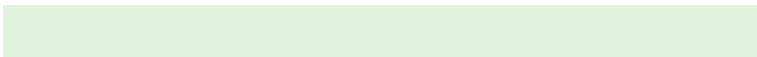
The Sweet Spot groups the original color and five complimentary colors.



85.8278, 0.2999, 0.3310



98.5337, 0.3084, 0.3296



85.0455, 0.3131, 0.3521



21.0085, 0.3072, 0.3298



0.0000, 0.0000, 0.0000



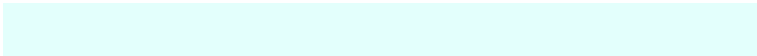
21.4041, 0.3127, 0.3290

Same Dimension

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



85.8278, 0.2999, 0.3310



94.9018, 0.2971, 0.3315



80.8188, 0.2987, 0.3198



18.7307, 0.2993, 0.3311



38.0629, 0.2325, 0.3569



3.3527, 0.2314, 0.3530

Inverse Universe

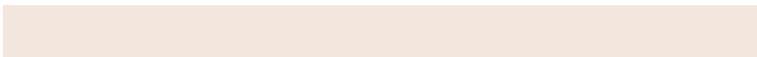
The Inverse Universe completely reimagines the original color for something new.



76.1219, 0.3271, 0.3270



81.8540, 0.3307, 0.3266



80.7736, 0.3275, 0.3380



16.5066, 0.3280, 0.3269



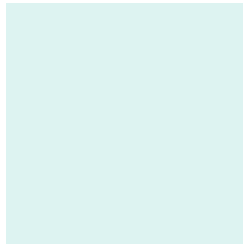
10.4974, 0.6301, 0.3245



0.9307, 0.6085, 0.3126

Previews

White Background



This preview shows how the Yxy color 85.8242, 0.2999, 0.3310 looks on a white background.

Color Contrast Check

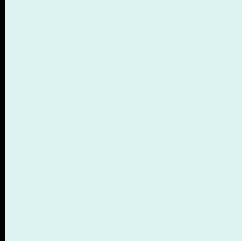
Large Text (above 18pt) WCAG AA × Fail

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 85.8242, 0.2999, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

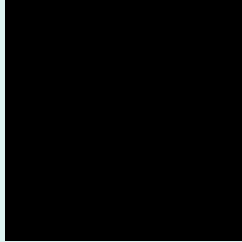
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

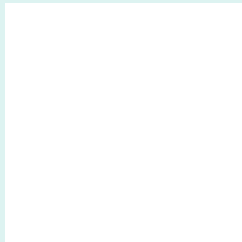
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.8242, 0.2999, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 85.8242, 0.2999, 0.3310.

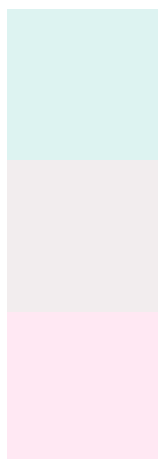


This preview shows how white text looks on a background with the Yxy color 85.8242, 0.2999, 0.3310.

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

85.8242, 0.2999, 0.3310

Protanopia

85.6187, 0.3154, 0.3280

Deuteranopia

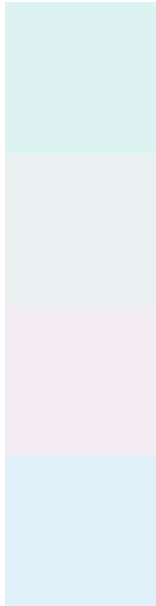
85.4443, 0.3214, 0.3183



Tritanopia

85.8711, 0.2956, 0.3138

Trichromacy



Original Color

85.8242, 0.2999, 0.3310

Protanomaly

85.4574, 0.3094, 0.3290

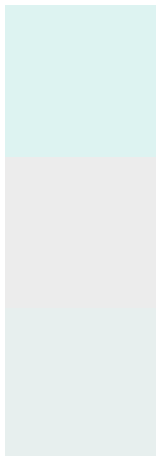
Deuteranomaly

85.4564, 0.3137, 0.3230

Tritanomaly

85.8203, 0.2972, 0.3198

Monochromacy



Original Color

85.8242, 0.2999, 0.3310

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.8950, 0.3081, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.8242, 0.2999, 0.3310 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(221, 243, 241)` looks like.

```
.text, #text, p{  
    color:rgb(221, 243, 241)  
}
```

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(221, 243, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 243, 241) }
```

Border

The CSS property to change the border of an element to Yxy 85.8242, 0.2999, 0.3310 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(221, 243, 241) }
```

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

```
.border{ border-color:rgb(221, 243, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 243, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 243, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 243, 241);  
box-shadow:4px 4px 4px 4px rgb(221, 243,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 85.8242, 0.2999, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 243, 241) }
```

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

```
.background{ background-color: rgb(221,  
243, 241) }
```

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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