

Converting Colors

$Yxy(83.1389, 0.2985, 0.3275)$

Have a look what the booklet for
Yxy(83.1389, 0.2985, 0.3275)
contains.

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Color

Yxy(82.9893, 0.2980, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	DAEFF1
RGB	218, 239, 241
RGB Percent	85%, 94%, 95%
CMY	0.1451, 0.0627, 0.0550
CMYK	0.10, 0.01, 0.00, 0.06
HSL	185°, 45%, 90%
HSV	185°, 10%, 94%
XYZ	75.6525, 82.9893, 95.2257
YIQ	232.9490, -13.1580, -3.8300

Conversions

Conversions Part 2

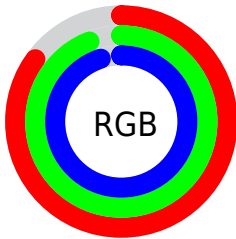
Format	Color
R _{YB}	218, 229, 241
Decimal	14348273
CIE Lab	93.01, -6.50, -3.31
CIE LCh	93, 7.292, 207.029
Yxy	82.9893, 0.2980, 0.3269
Android (android.graphics.Color)	4292538353 (0xFFDAEFF1)
YUV	232.9490, 3.9691, -13.1103
Hunter-Lab	91.0985, -11.1874, 1.7928

Details

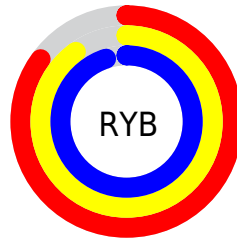
The Yxy color **82.9893, 0.2980, 0.3269** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.9223, 0.3292, 0.3311**, and the grayscale version is **81.4227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.1563, 0.2947, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **78.3463, 0.2832, 0.3245**, and if you desaturate by 10%, it is **88.1930, 0.3134, 0.3291**.

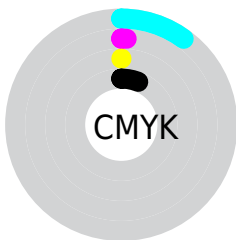
Distribution



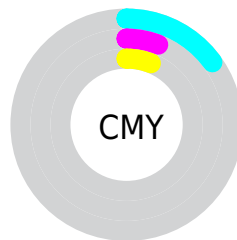
- Red (85%)
- Green (94%)
- Blue (95%)



- Red (85%)
- Yellow (90%)
- Blue (95%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.9893, 0.2980, 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 82.9893, 0.2980, 0.3269 by changing the saturation by 10% instead.

82.9893, 0.2980,
0.3269

82.9893, 0.2980,
0.3269

504.9509, 0.3046,
0.3279

62.1813, 0.2965,
0.3267

137.5605, 0.3003,
0.3272

45.1792, 0.2947,
0.3264

172.0925, 0.3012,
0.3274

31.5986, 0.2925,
0.3260

211.9679, 0.3019,
0.3275

21.0551, 0.2896,
0.3255

257.5712, 0.3026,
0.3276

13.1643, 0.2857,
0.3249

309.2868, 0.3032,
0.3277

7.5418, 0.2803,
0.3239

367.4990, 0.3037,

3.8032, 0.2722,

0.3278

0.3223

432.5922, 0.3042,
0.3278

■ 1.5641, 0.2588,
0.3195

■ 0.3332, 0.1456,
0.3069

■ 82.9893, 0.2980,
0.3269

■ 82.9893, 0.2980,
0.3269

■ 78.3463, 0.2832,
0.3245

■ 88.1930, 0.3134,
0.3291

■ 74.2304, 0.2693,
0.3219


■ 91.7840, 0.3218,
0.3311

■ 70.6200, 0.2566,
0.3192

■ 93.0228, 0.3216,
0.3331

■ 67.4882, 0.2455,
0.3164

■ 94.2755, 0.3215,
0.3351


 64.8055, 0.2361,
0.3135

 95.5421, 0.3213,
0.3371


 62.5389, 0.2285,
0.3105

 96.8225, 0.3212,
0.3390

 60.6508, 0.2230,
0.3075

 98.1170, 0.3210,
0.3410

 59.0964, 0.2193,
0.3046

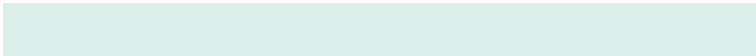
 99.1291, 0.3209,
0.3425

 57.8046, 0.2172,
0.3017

Harmonies

Analogous

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



82.9893, 0.3034, 0.3345



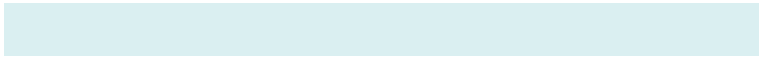
82.9893, 0.2980, 0.3269



82.9893, 0.2965, 0.3200

Triad

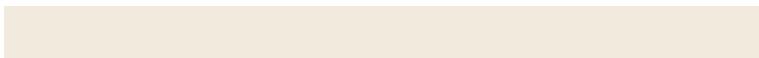
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9893, 0.2980, 0.3269



82.9893, 0.3139, 0.3177



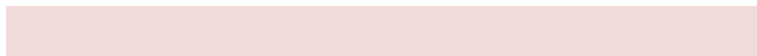
82.9893, 0.3263, 0.3425

Complementary

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



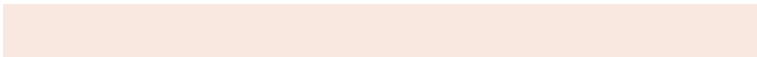
82.9893, 0.2980, 0.3269



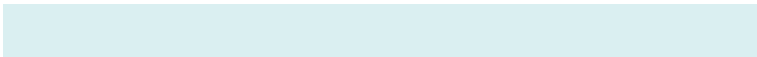
74.9223, 0.3292, 0.3311

Split Complementary

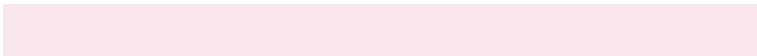
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.9893, 0.3292, 0.3378



82.9893, 0.2980, 0.3269



82.9893, 0.3220, 0.3235

Square

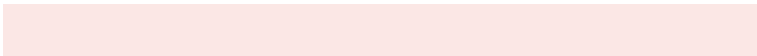
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9893, 0.2980, 0.3269



82.9893, 0.3056, 0.3148



82.9893, 0.3277, 0.3308



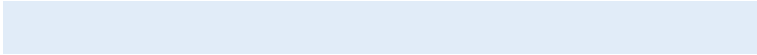
82.9893, 0.3197, 0.3436

Rectangle

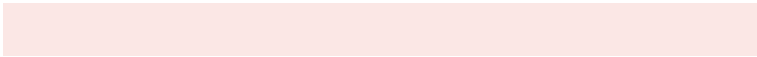
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.9893, 0.2980, 0.3269



82.9893, 0.2979, 0.3167



82.9893, 0.3277, 0.3308



82.9893, 0.3278, 0.3413

Sweetspot

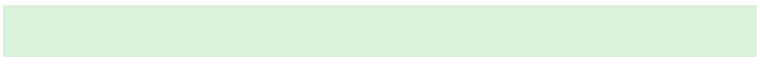
The Sweet Spot groups the original color and five complimentary colors.



82.9928, 0.2980, 0.3269



98.1619, 0.3080, 0.3284



82.9608, 0.3104, 0.3515



20.9077, 0.3068, 0.3282



0.0000, 0.0000, 0.0000



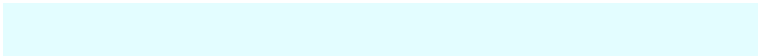
21.4041, 0.3127, 0.3290

Same Dimension

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



82.9928, 0.2980, 0.3269



93.5447, 0.2957, 0.3266



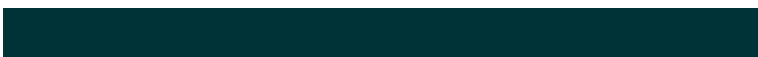
76.5047, 0.2979, 0.3148



17.6846, 0.2981, 0.3269



31.4229, 0.2173, 0.3021



2.6815, 0.2183, 0.3059

Inverse Universe

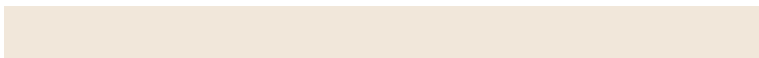
The Inverse Universe completely reimagines the original color for something new.



75.0700, 0.3151, 0.3075



83.2376, 0.3155, 0.3041



81.1326, 0.3280, 0.3429



16.0068, 0.3151, 0.3077



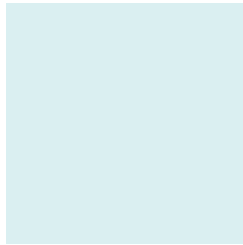
12.9655, 0.3436, 0.1666



1.0854, 0.3403, 0.1648

Previews

White Background



This preview shows how the Yxy color 82.9893, 0.2980, 0.3269 looks on a white background.

Color Contrast Check

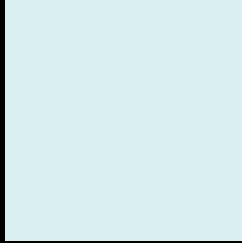
Large Text (above 18pt) WCAG AA × Fail

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 82.9893, 0.2980, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

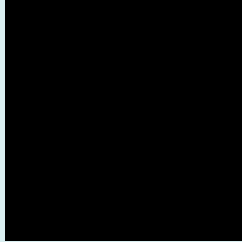
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

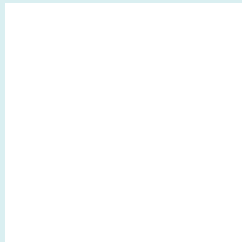
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.9893, 0.2980, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 82.9893, 0.2980, 0.3269.



This preview shows how white text looks on a background with the Yxy color 82.9893, 0.2980, 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

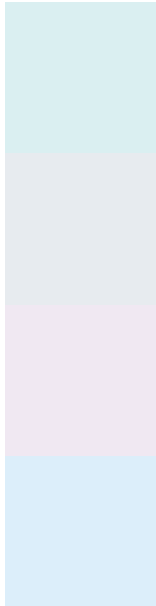




Tritanopia

83.1605, 0.2918, 0.3105

Trichromacy



Original Color

82.9893, 0.2980, 0.3269

Protanomaly

82.6376, 0.3076, 0.3249

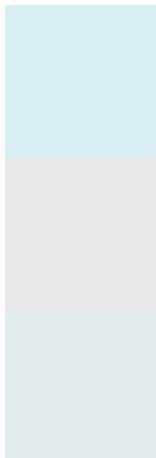
Deuteranomaly

82.6493, 0.3118, 0.3189

Tritanomaly

83.2668, 0.2940, 0.3165

Monochromacy



Original Color

82.9893, 0.2980, 0.3269

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.9668, 0.3075, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.9893, 0.2980, 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(218, 239, 241)` looks like.

```
.text, #text, p{  
    color:rgb(218, 239, 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(218, 239, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 239, 241) }
```

Border

The CSS property to change the border of an element to Yxy 82.9893, 0.2980, 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(218, 239, 241) }
```

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

```
.border{ border-color:rgb(218, 239, 241) }
```

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

Here you see how a box with a 4 pixel rgb(218, 239, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 239, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 239, 241);  
box-shadow:4px 4px 4px 4px rgb(218, 239,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 82.9893, 0.2980, 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(218, 239, 241) }
```

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

```
.background{ background-color: rgb(218,  
239, 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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