

Converting Colors

$Yxy(82.9033, 0.3008, 0.3287)$

Have a look what the booklet for
Yxy(82.9033, 0.3008, 0.3287)
contains.

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Color

Yxy(82.5967, 0.3004, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	DCEEEF
RGB	220, 238, 239
RGB Percent	86%, 93%, 94%
CMY	0.1373, 0.0666, 0.0627
CMYK	0.08, 0.00, 0.00, 0.06
HSL	183°, 37%, 90%
HSV	183°, 8%, 94%
XYZ	75.6696, 82.5967, 93.6297
YIQ	232.7320, -11.0490, -3.5050

Conversions

Conversions Part 2

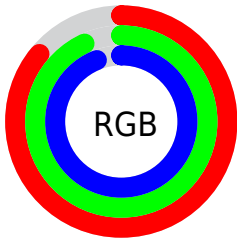
Format	Color
R _{YB}	220, 229, 239
Decimal	14479087
CIE Lab	92.84, -5.72, -2.54
CIE LCh	93, 6.256, 203.917
Yxy	82.5967, 0.3004, 0.3279
Android (android.graphics.Color)	4292669167 (0xFFDCEEEF)
YUV	232.7320, 3.0901, -11.1660
Hunter-Lab	90.8827, -10.4245, 2.5358

Details

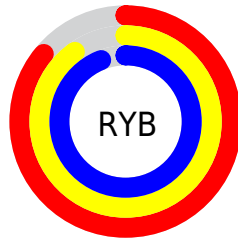
The Yxy color **82.5967, 0.3004, 0.3279** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.2366, 0.3263, 0.3301**, and the grayscale version is **81.2579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.8741, 0.2978, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **78.3950, 0.2855, 0.3264**, and if you desaturate by 10%, it is **87.3438, 0.3159, 0.3293**.

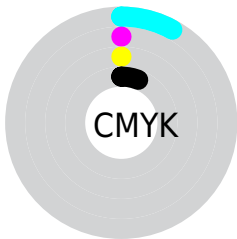
Distribution



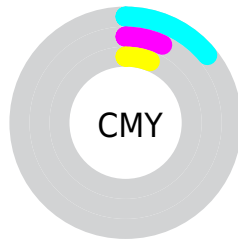
- Red (86%)
- Green (93%)
- Blue (94%)



- Red (86%)
- Yellow (90%)
- Blue (94%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.5967, 0.3004, 0.3279 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 82.5967, 0.3004, 0.3279 by changing the saturation by 10% instead.

82.5967, 0.3004,
0.3279

82.5967, 0.3004,
0.3279

503.6414, 0.3060,
0.3284

61.8575, 0.2992,
0.3278

137.0105, 0.3023,
0.3281

44.9176, 0.2976,
0.3276

171.4538, 0.3031,
0.3282

31.3925, 0.2958,
0.3274

211.2340, 0.3037,
0.3282

20.8979, 0.2933,
0.3272

256.7355, 0.3043,
0.3283

13.0494, 0.2901,
0.3268

308.3425, 0.3048,
0.3283

7.4626, 0.2855,
0.3262

366.4396, 0.3052,

3.7530, 0.2786,

0.3284

0.3253

431.4111, 0.3056,
0.3284

■ 1.5364, 0.2671,
0.3237

■ 0.3141, 0.1602,
0.3165

■ 82.5967, 0.3004,
0.3279

■ 82.5967, 0.3004,
0.3279

■ 78.3950, 0.2855,
0.3264

■ 87.3438, 0.3159,
0.3293

■ 74.7057, 0.2717,
0.3248

■ 90.1389, 0.3232,
0.3305

■ 71.5081, 0.2590,
0.3231

■ 90.8933, 0.3231,
0.3318

■ 68.7763, 0.2480,
0.3214

■ 91.6530, 0.3230,
0.3330

66.4816, 0.2387,
0.3196

92.4179, 0.3229,
0.3342

64.5925, 0.2313,
0.3178

93.1882, 0.3228,
0.3355

63.0729, 0.2258,
0.3160

93.9638, 0.3227,
0.3367

61.8804, 0.2223,
0.3142

94.7446, 0.3226,
0.3379

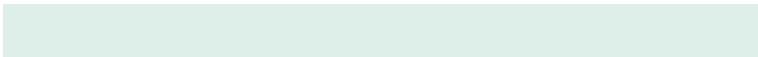
60.9568, 0.2203,
0.3124

95.5308, 0.3225,
0.3391

Harmonies

Analogous

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



82.5967, 0.3054, 0.3344



82.5967, 0.3004, 0.3279



82.5967, 0.2987, 0.3218

Triad

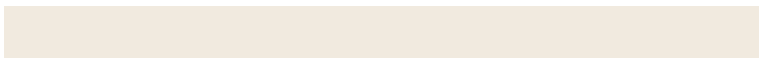
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5967, 0.3004, 0.3279



82.5967, 0.3130, 0.3189



82.5967, 0.3248, 0.3403

Complementary

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



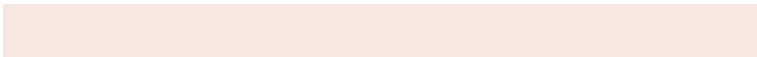
82.5967, 0.3004, 0.3279



75.2366, 0.3263, 0.3301

Split Complementary

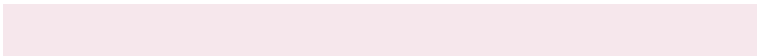
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5967, 0.3269, 0.3360



82.5967, 0.3004, 0.3279



82.5967, 0.3201, 0.3237

Square

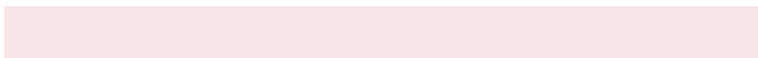
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.5967, 0.3004, 0.3279



82.5967, 0.3059, 0.3167



82.5967, 0.3252, 0.3299



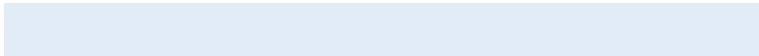
82.5967, 0.3194, 0.3416

Rectangle

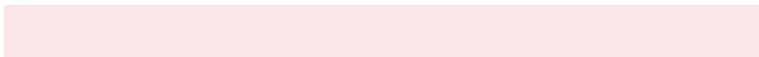
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



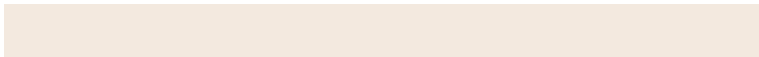
82.5967, 0.3004, 0.3279



82.5967, 0.2997, 0.3188



82.5967, 0.3252, 0.3299



82.5967, 0.3259, 0.3391

Sweetspot

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



82.6002, 0.3004, 0.3279



98.8723, 0.3096, 0.3287



82.1762, 0.3112, 0.3483



21.1746, 0.3097, 0.3287



0.0000, 0.0000, 0.0000



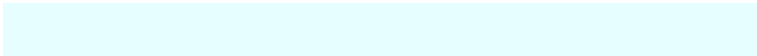
21.4041, 0.3127, 0.3290

Same Dimension

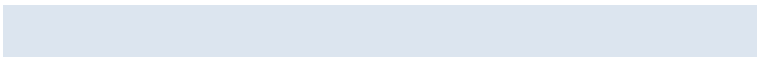
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6002, 0.3004, 0.3279



94.6170, 0.2973, 0.3276



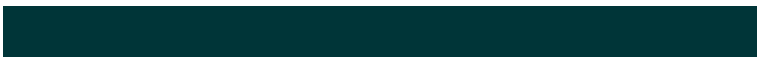
77.2398, 0.3004, 0.3179



17.7762, 0.2981, 0.3277



33.6473, 0.2201, 0.3123



2.8430, 0.2207, 0.3147

Inverse Universe

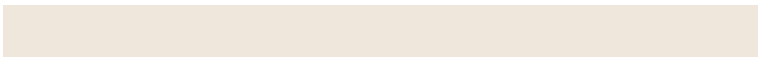
The Inverse Universe completely reimagines the original color for something new.



75.7096, 0.3143, 0.3105



84.7086, 0.3147, 0.3056



80.3694, 0.3254, 0.3399



16.0160, 0.3146, 0.3070



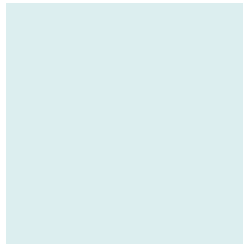
13.1901, 0.3347, 0.1618



1.1017, 0.3327, 0.1607

Previews

White Background



This preview shows how the Yxy color 82.5967, 0.3004, 0.3279 looks on a white background.

Color Contrast Check

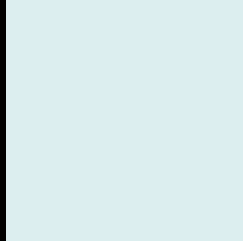
Large Text (above 18pt) WCAG AA × Fail

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 82.5967, 0.3004, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

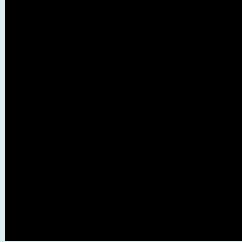
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

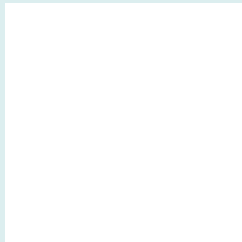
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.5967, 0.3004, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 82.5967, 0.3004, 0.3279.

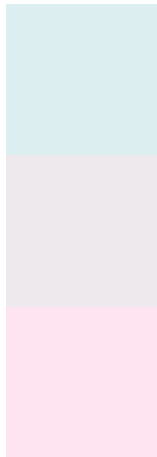


This preview shows how white text looks on a background with the Yxy color 82.5967, 0.3004, 0.3279.

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

82.5967, 0.3004, 0.3279

Protanopia

82.5111, 0.3142, 0.3259

Deuteranopia

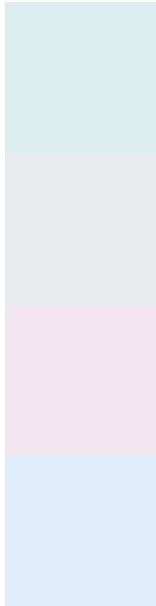
82.3599, 0.3224, 0.3152



Tritanopia

82.8346, 0.2936, 0.3105

Trichromacy



Original Color

82.5967, 0.3004, 0.3279

Protanomaly

82.5200, 0.3088, 0.3269

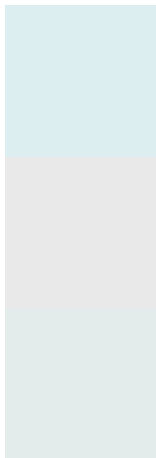
Deuteranomaly

82.3203, 0.3145, 0.3199

Tritanomaly

82.9375, 0.2958, 0.3166

Monochromacy



Original Color

82.5967, 0.3004, 0.3279

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.9088, 0.3081, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5967, 0.3004, 0.3279 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(220, 238, 239)` looks like.

```
.text, #text, p{  
    color:rgb(220, 238, 239)  
}
```

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(220, 238, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 238, 239) }
```

Border

The CSS property to change the border of an element to Yxy 82.5967, 0.3004, 0.3279 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(220, 238, 239) }
```

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

```
.border{ border-color:rgb(220, 238, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 238, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 238, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 238, 239);  
box-shadow:4px 4px 4px 4px rgb(220, 238,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5967, 0.3004, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 238, 239) }
```

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

```
.background{ background-color: rgb(220,  
238, 239) }
```

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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