

Converting Colors

$Yxy(83.2842, 0.3011, 0.3313)$

Have a look what the booklet for
Yxy(83.2842, 0.3011, 0.3313)
contains.

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Color

Yxy(82.9075, 0.3010, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	DBEFED
RGB	219, 239, 237
RGB Percent	86%, 94%, 93%
CMY	0.1410, 0.0628, 0.0707
CMYK	0.08, 0.00, 0.01, 0.06
HSL	174°, 38%, 90%
HSV	174°, 8%, 94%
XYZ	75.3705, 82.9075, 92.1222
YIQ	232.7920, -11.2780, -4.8620

Conversions

Conversions Part 2

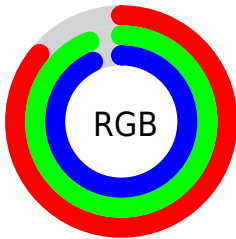
Format	Color
R_{YB}	219, 230, 239
Decimal	14413805
CIE _{Lab}	92.97, -6.92, -1.27
CIE _{LCh}	93, 7.034, 190.442
Yxy	82.9075, 0.3010, 0.3311
Android (android.graphics.Color)	4292603885 (0xFFDBEFED)
YUV	232.7920, 2.0745, -12.0956
Hunter-Lab	91.0536, -11.5886, 3.7516

Details

The Yxy color **82.9075, 0.3010, 0.3311** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.2597, 0.3258, 0.3269**, and the grayscale version is **81.3167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.0957, 0.2985, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **79.3240, 0.2876, 0.3338**, and if you desaturate by 10%, it is **87.0321, 0.3151, 0.3286**.

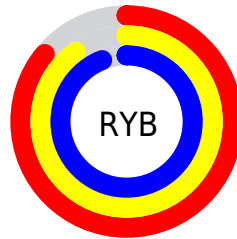
Distribution



Red (86%)

Green (94%)

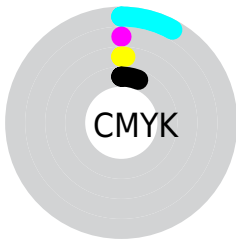
Blue (93%)



Red (86%)

Yellow (90%)

Blue (94%)

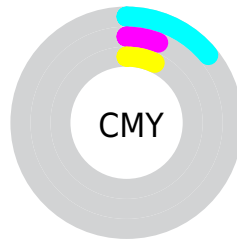


Cyan (8%)

Magenta (0%)

Yellow (1%)

Black (6%)



Cyan (14%)

Magenta (6%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.9075, 0.3010, 0.3311 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 82.9075, 0.3010, 0.3311 by changing the saturation by 10% instead.

82.9075, 0.3010,
0.3311

82.9075, 0.3010,
0.3311

504.6782, 0.3063,
0.3302

62.1138, 0.2998,
0.3313

137.4459, 0.3028,
0.3308

45.1247, 0.2984,
0.3315

171.9594, 0.3035,
0.3307

31.5557, 0.2966,
0.3319

211.8151, 0.3041,
0.3306

21.0223, 0.2942,
0.3322

257.3971, 0.3047,
0.3305

13.1403, 0.2911,
0.3327

309.0901, 0.3052,
0.3304

7.5252, 0.2868,
0.3334

367.2783, 0.3056,

3.7927, 0.2802,

0.3303

432.3462, 0.3060,
0.3302

0.3345

■ 1.5583, 0.2692,
0.3361

■ 0.3292, 0.1564,
0.3575

■ 82.9075, 0.3010,
0.3311

■ 82.9075, 0.3010,
0.3311

■ 79.3240, 0.2876,
0.3338

■ 87.0321, 0.3151,
0.3286

■ 76.2486, 0.2752,
0.3368


■ 89.3932, 0.3216,
0.3263


■ 73.6606, 0.2640,
0.3400

■ 89.5404, 0.3201,
0.3239

■ 71.5339, 0.2543,
0.3433

■ 89.6897, 0.3185,
0.3215

 69.8398, 0.2464,
0.3467

 89.8408, 0.3170,
0.3192


 68.5465, 0.2404,
0.3503

 89.9940, 0.3155,
0.3169

 67.6179, 0.2364,
0.3538

 90.1491, 0.3140,
0.3146

 67.0112, 0.2342,
0.3573

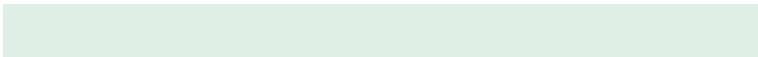
 90.2122, 0.3134,
0.3136

 66.6657, 0.2337,
0.3608

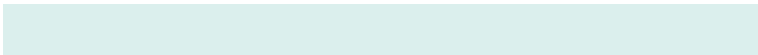
Harmonies

Analogous

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



82.9075, 0.3078, 0.3379



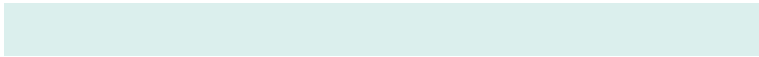
82.9075, 0.3010, 0.3311



82.9075, 0.2973, 0.3238

Triad

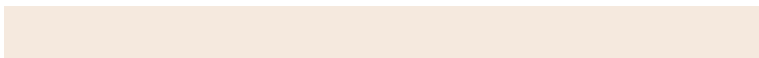
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9075, 0.3010, 0.3311



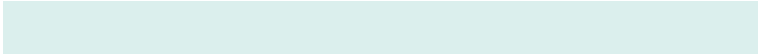
82.9075, 0.3093, 0.3162



82.9075, 0.3279, 0.3399

Complementary

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



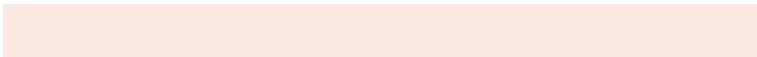
82.9075, 0.3010, 0.3311



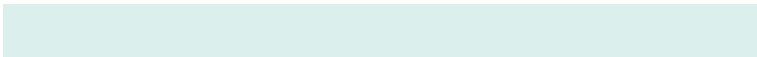
74.2597, 0.3258, 0.3269

Split Complementary

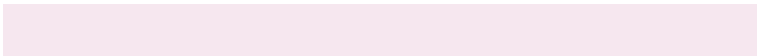
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.9075, 0.3284, 0.3339



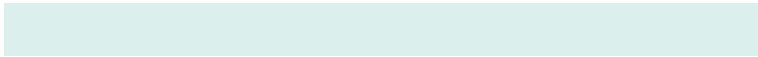
82.9075, 0.3010, 0.3311



82.9075, 0.3176, 0.3204

Square

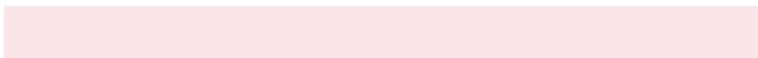
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



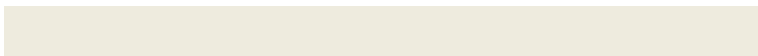
82.9075, 0.3010, 0.3311



82.9075, 0.3021, 0.3153



82.9075, 0.3245, 0.3268



82.9075, 0.3233, 0.3430

Rectangle

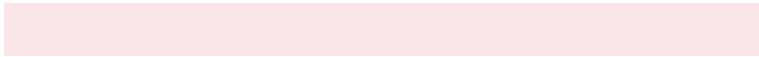
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



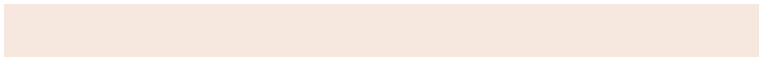
82.9075, 0.3010, 0.3311



82.9075, 0.2971, 0.3197



82.9075, 0.3245, 0.3268



82.9075, 0.3285, 0.3381

Sweetspot

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



82.9110, 0.3010, 0.3311



98.5277, 0.3084, 0.3297



82.2791, 0.3133, 0.3502



21.0068, 0.3073, 0.3299



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

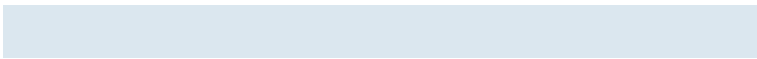
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9110, 0.3010, 0.3311



95.3141, 0.2987, 0.3315



78.6455, 0.2998, 0.3209



17.8996, 0.2995, 0.3314



36.8274, 0.2336, 0.3608



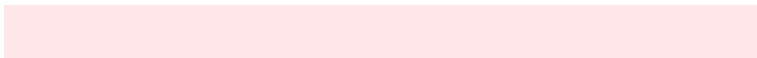
3.0716, 0.2323, 0.3562

Inverse Universe

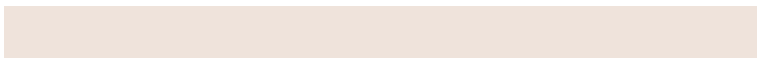
The Inverse Universe completely reimagines the original color for something new.



74.2597, 0.3258, 0.3269



83.4076, 0.3287, 0.3265



78.2368, 0.3264, 0.3370



15.7850, 0.3277, 0.3266



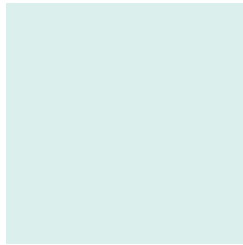
10.1871, 0.6281, 0.3234



0.8562, 0.6031, 0.3096

Previews

White Background



This preview shows how the Yxy color 82.9075, 0.3010, 0.3311 looks on a white background.

Color Contrast Check

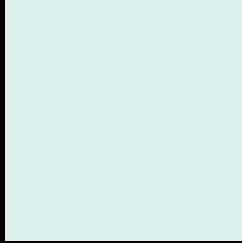
Large Text (above 18pt) WCAG AA × Fail

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 82.9075, 0.3010, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

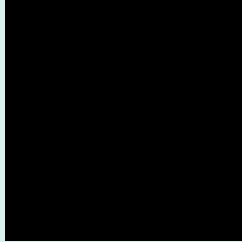
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

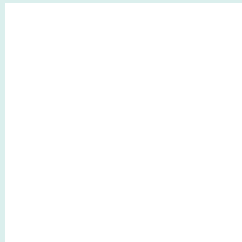
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.9075, 0.3010, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 82.9075, 0.3010, 0.3311.

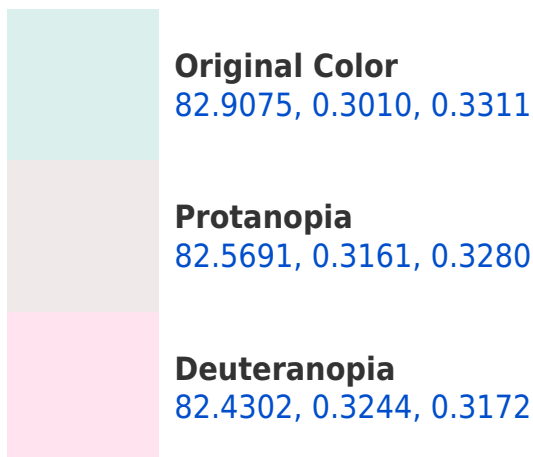


This preview shows how white text looks on a background with the Yxy color 82.9075, 0.3010, 0.3311.

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

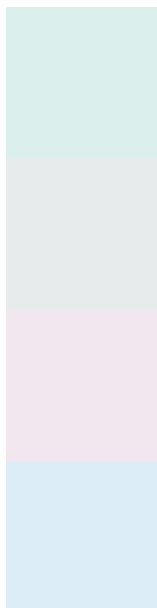




Tritanopia

82.7405, 0.2924, 0.3095

Trichromacy



Original Color

82.9075, 0.3010, 0.3311

Protanomaly

82.5706, 0.3107, 0.3290

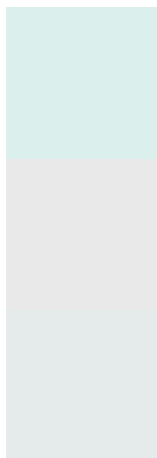
Deuteranomaly

82.2021, 0.3158, 0.3219

Tritanomaly

82.7178, 0.2958, 0.3176

Monochromacy



Original Color

82.9075, 0.3010, 0.3311

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.8512, 0.3087, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.9075, 0.3010, 0.3311 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(219, 239, 237)` looks like.

```
.text, #text, p{  
    color:rgb(219, 239, 237)  
}
```

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(219, 239, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 239, 237) }
```

Border

The CSS property to change the border of an element to Yxy 82.9075, 0.3010, 0.3311 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(219, 239, 237) }
```

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

```
.border{ border-color:rgb(219, 239, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 239, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 239, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 239, 237);  
box-shadow:4px 4px 4px 4px rgb(219, 239,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 82.9075, 0.3010, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 239, 237) }
```

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

```
.background{ background-color: rgb(219,  
239, 237) }
```

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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