

Converting Colors

Yxy(82.5492, 0.3010, 0.3374)

Have a look what the booklet for
Yxy(82.5492, 0.3010, 0.3374)
contains.

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Color

Yxy(82.5934, 0.3013, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	D7F0E8
RGB	215, 240, 232
RGB Percent	84%, 94%, 91%
CMY	0.1571, 0.0587, 0.0902
CMYK	0.10, 0.00, 0.03, 0.06
HSL	161°, 46%, 89%
HSV	161°, 10%, 94%
XYZ	73.7345, 82.5934, 88.3933
YIQ	231.6130, -12.3320, -7.7880

Conversions

Conversions Part 2

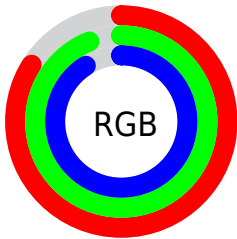
Format	Color
R _Y B	215, 230, 240
Decimal	14151912
CIE Lab	92.84, -9.70, 1.08
CIE LCh	93, 9.756, 173.673
Yxy	82.5934, 0.3013, 0.3375
Android (android.graphics.Color)	4292341992 (0xFFD7F0E8)
YUV	231.6130, 0.1908, -14.5696
Hunter-Lab	90.8809, -14.2190, 5.9495

Details

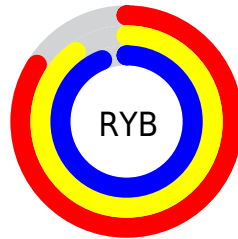
The Yxy color $82.5934, 0.3013, 0.3375$ is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be $72.4233, 0.3256, 0.3207$, and the grayscale version is $80.3913, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.8892, 0.2990, 0.3400$ is the 20% darker color. If you saturate the color by 10%, you get $78.8001, 0.2908, 0.3465$, and if you desaturate by 10%, it is $86.9457, 0.3122, 0.3293$.

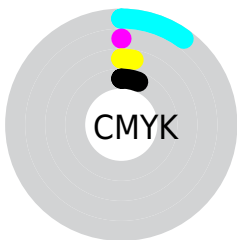
Distribution



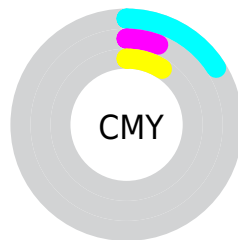
- Red (84%)
- Green (94%)
- Blue (91%)



- Red (84%)
- Yellow (90%)
- Blue (94%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



- Cyan (16%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.5934, 0.3013, 0.3375 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 82.5934, 0.3013, 0.3375 by changing the saturation by 10% instead.

82.5934, 0.3013,
0.3375

82.5934, 0.3013,
0.3375

503.6304, 0.3065,
0.3336

61.8548, 0.3001,
0.3384

137.0058, 0.3031,
0.3362

44.9154, 0.2987,
0.3394

171.4484, 0.3038,
0.3357

31.3908, 0.2969,
0.3408

211.2278, 0.3044,
0.3352

20.8966, 0.2946,
0.3425

256.7284, 0.3049,
0.3348

13.0484, 0.2916,
0.3448

308.3346, 0.3054,
0.3345

7.4619, 0.2872,
0.3481

366.4307, 0.3058,

3.7526, 0.2806,

0.3342

431.4012, 0.3061,
0.3339

0.3531

1.5362, 0.2694,
0.3617

0.3140, 0.0961,
0.4888

82.5934, 0.3013,
0.3375

82.5934, 0.3013,
0.3375

78.8001, 0.2908,
0.3465

86.9457, 0.3122,
0.3293

75.5321, 0.2811,
0.3564

90.3313, 0.3181,
0.3219

72.7677, 0.2723,
0.3671

90.8137, 0.3134,
0.3146

70.4799, 0.2649,
0.3784

■ 68.6387, 0.2591,
0.3903

■ 67.2111, 0.2552,
0.4026

■ 66.1591, 0.2534,
0.4150

■ 65.4373, 0.2535,
0.4273

■ 64.9851, 0.2552,
0.4389

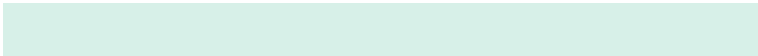
Harmonies

Analogous

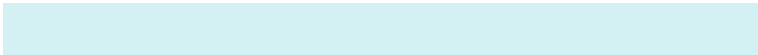
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5934, 0.3121, 0.3454



82.5934, 0.3013, 0.3375



82.5934, 0.2936, 0.3273

Triad

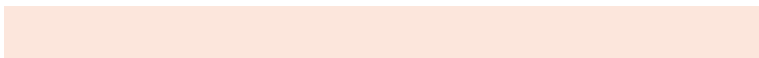
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5934, 0.3013, 0.3375



82.5934, 0.3020, 0.3099



82.5934, 0.3350, 0.3397

Complementary

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



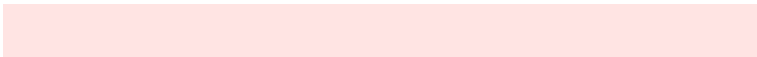
82.5934, 0.3013, 0.3375



72.4233, 0.3256, 0.3207

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.



82.5934, 0.3322, 0.3303



82.5934, 0.3013, 0.3375



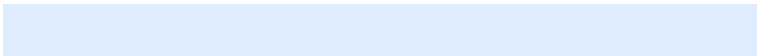
82.5934, 0.3130, 0.3133

Square

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



82.5934, 0.3013, 0.3375



82.5934, 0.2940, 0.3115



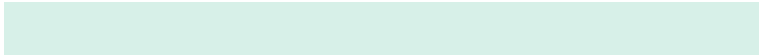
82.5934, 0.3241, 0.3207



82.5934, 0.3317, 0.3465

Rectangle

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



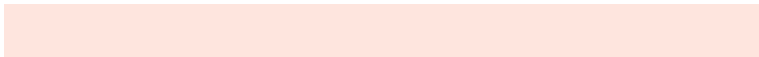
82.5934, 0.3013, 0.3375



82.5934, 0.2912, 0.3207



82.5934, 0.3241, 0.3207



82.5934, 0.3347, 0.3367

Sweetspot

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



82.5969, 0.3013, 0.3375



98.4211, 0.3094, 0.3314



82.9721, 0.3170, 0.3557



20.9780, 0.3085, 0.3320



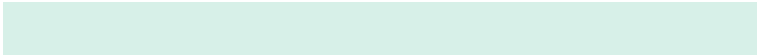
0.0000, 0.0000, 0.0000



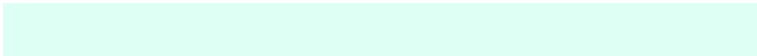
21.4041, 0.3127, 0.3290

Same Dimension

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



82.5969, 0.3013, 0.3375



93.5812, 0.2985, 0.3398



80.6298, 0.2966, 0.3245



17.8378, 0.3024, 0.3367



35.5914, 0.2547, 0.4369



2.9789, 0.2503, 0.4209

Inverse Universe

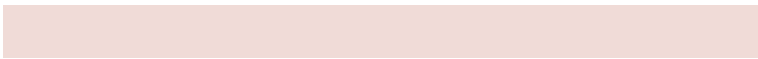
The Inverse Universe completely reimagines the original color for something new.



72.4233, 0.3256, 0.3207



79.2753, 0.3293, 0.3185



74.1564, 0.3308, 0.3334



15.8422, 0.3243, 0.3215



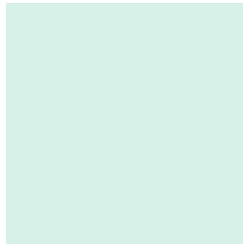
10.4544, 0.5689, 0.2908



0.8872, 0.5318, 0.2703

Previews

White Background



This preview shows how the Yxy color 82.5934, 0.3013, 0.3375 looks on a white background.

Color Contrast Check

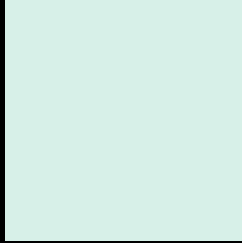
Large Text (above 18pt) WCAG AA × Fail

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 82.5934, 0.3013, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

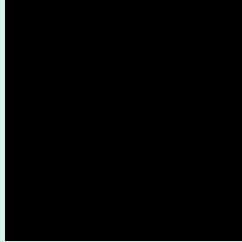
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

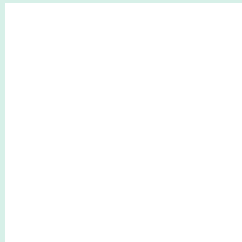
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.5934, 0.3013, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 82.5934, 0.3013, 0.3375.

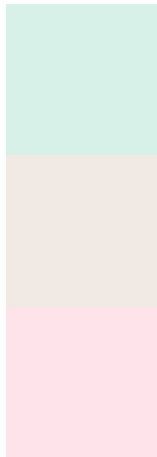


This preview shows how white text looks on a background with the Yxy color 82.5934, 0.3013, 0.3375.

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

82.5934, 0.3013, 0.3375

Protanopia

82.4045, 0.3206, 0.3341

Deuteranopia

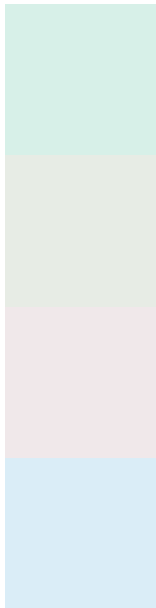
82.1963, 0.3270, 0.3211



Tritanopia

82.2710, 0.2905, 0.3094

Trichromacy



Original Color

82.5934, 0.3013, 0.3375

Protanomaly

82.6370, 0.3137, 0.3363

Deuteranomaly

82.1790, 0.3169, 0.3270

Tritanomaly

82.1892, 0.2945, 0.3185

Monochromacy



Original Color

82.5934, 0.3013, 0.3375

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.4116, 0.3086, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5934, 0.3013, 0.3375 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(215, 240, 232)` looks like.

```
.text, #text, p{  
    color:rgb(215, 240, 232)  
}
```

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(215, 240, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 240, 232) }
```

Border

The CSS property to change the border of an element to Yxy 82.5934, 0.3013, 0.3375 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(215, 240, 232) }
```

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

```
.border{ border-color:rgb(215, 240, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 240, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 240, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 240, 232);  
box-shadow:4px 4px 4px 4px rgb(215, 240,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5934, 0.3013, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 240, 232) }
```

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

```
.background{ background-color: rgb(215,  
240, 232) }
```

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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