

Converting Colors

Yxy(82.4937, 0.3141, 0.3547)

Have a look what the booklet for
Yxy(82.4937, 0.3141, 0.3547)
contains.

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Color

Yxy(82.4937, 0.3141, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	DCF0D8
RGB	220, 240, 216
RGB Percent	86%, 94%, 85%
CMY	0.1375, 0.0587, 0.1530
CMYK	0.08, 0.00, 0.10, 0.06
HSL	110°, 45%, 89%
HSV	110°, 10%, 94%
XYZ	73.0512, 82.4937, 77.0282
YIQ	231.2840, -4.2160, -11.7040

Conversions

Conversions Part 2

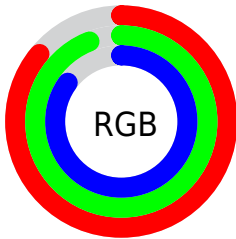
Format	Color
R _Y B	216, 240, 236
Decimal	14479576
CIE Lab	92.79, -10.93, 9.37
CIE LCh	93, 14.395, 139.413
Yxy	82.4937, 0.3141, 0.3547
Android (android.graphics.Color)	4292669656 (0xFFDCE0D8)
YUV	231.2840, -7.5350, -9.8961
Hunter-Lab	90.8260, -15.3783, 13.2953

Details

The Yxy color **82.4937, 0.3141, 0.3547** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.2460, 0.3111, 0.3042**, and the grayscale version is **80.1861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.8535, 0.3146, 0.3610** is the 20% darker color. If you saturate the color by 10%, you get **78.4005, 0.3153, 0.3835**, and if you desaturate by 10%, it is **87.1513, 0.3127, 0.3290**.

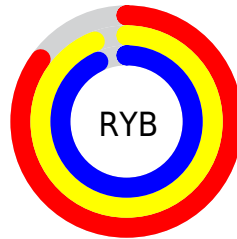
Distribution



Red (86%)

Green (94%)

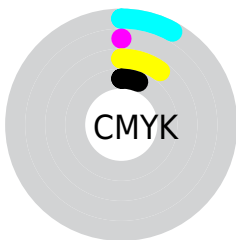
Blue (85%)



Red (85%)

Yellow (94%)

Blue (93%)

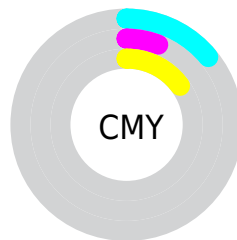


Cyan (8%)

Magenta (0%)

Yellow (10%)

Black (6%)



Cyan (14%)

Magenta (6%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.4937, 0.3141, 0.3547 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 82.4937, 0.3141, 0.3547 by changing the saturation by 10% instead.

82.4937, 0.3141,
0.3547

82.4937, 0.3141,
0.3547

503.2976, 0.3136,
0.3429

61.7726, 0.3142,
0.3574

136.8661, 0.3139,
0.3506

44.8490, 0.3143,
0.3607

171.2862, 0.3139,
0.3490

31.3385, 0.3144,
0.3649

211.0414, 0.3138,
0.3476

20.8567, 0.3145,
0.3704

256.5160, 0.3138,
0.3464

13.0193, 0.3146,
0.3778

308.0946, 0.3137,
0.3454

7.4418, 0.3146,
0.3885

366.1615, 0.3137,

3.7399, 0.3144,

0.3445

0.4051

431.1010, 0.3136,
0.3436

■ 1.5292, 0.3132,
0.4346

■ 0.3091, 0.0802,
0.9198

■ 82.4937, 0.3141,
0.3547

■ 82.4937, 0.3141,
0.3547

■ 78.4005, 0.3153,
0.3835

■ 87.1513, 0.3127,
0.3290

■ 74.8399, 0.3161,
0.4150

■ 90.8161, 0.3134,
0.3146

■ 71.7931, 0.3165,
0.4487

■ 69.2360, 0.3162,
0.4832

■ 67.1426, 0.3152,
0.5166

■ 65.4845, 0.3133,
0.5466

■ 64.2300, 0.3107,
0.5707

■ 63.3427, 0.3075,
0.5874

■ 62.7737, 0.3043,
0.5966

Harmonies

Analogous

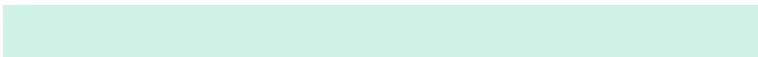
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4937, 0.3303, 0.3583



82.4937, 0.3141, 0.3547



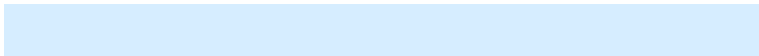
82.4937, 0.2979, 0.3436

Triad

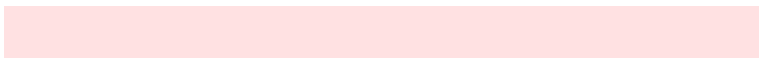
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4937, 0.3141, 0.3547



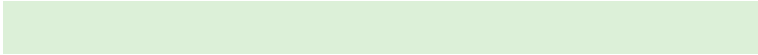
82.4937, 0.2841, 0.3041



82.4937, 0.3403, 0.3286

Complementary

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



82.4937, 0.3141, 0.3547



73.2460, 0.3111, 0.3042

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.



82.4937, 0.3273, 0.3150



82.4937, 0.3141, 0.3547



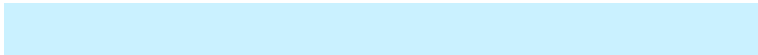
82.4937, 0.2949, 0.3010

Square

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



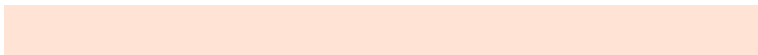
82.4937, 0.3141, 0.3547



82.4937, 0.2809, 0.3140



82.4937, 0.3106, 0.3050



82.4937, 0.3456, 0.3427

Rectangle

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



82.4937, 0.3141, 0.3547



82.4937, 0.2892, 0.3337



82.4937, 0.3106, 0.3050



82.4937, 0.3366, 0.3239

Sweetspot

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



82.4972, 0.3141, 0.3547



98.3239, 0.3131, 0.3364



83.4898, 0.3281, 0.3497



20.9516, 0.3133, 0.3384



0.0000, 0.0000, 0.0000



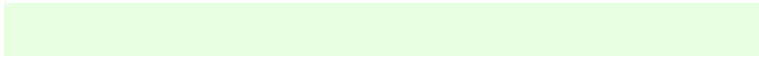
21.4041, 0.3127, 0.3290

Same Dimension

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



82.4972, 0.3141, 0.3547



93.6495, 0.3144, 0.3603



82.3149, 0.3067, 0.3461



17.7807, 0.3140, 0.3532



34.3922, 0.3050, 0.5961



2.8974, 0.3124, 0.5901

Inverse Universe

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



73.2460, 0.3111, 0.3042



81.0682, 0.3107, 0.2990



73.4620, 0.3193, 0.3125



15.8927, 0.3112, 0.3055



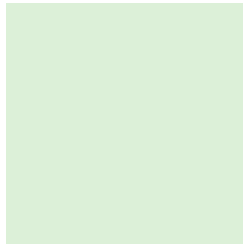
10.2674, 0.2798, 0.1315



0.8887, 0.2855, 0.1347

Previews

White Background



This preview shows how the Yxy color 82.4937, 0.3141, 0.3547 looks on a white background.

Color Contrast Check

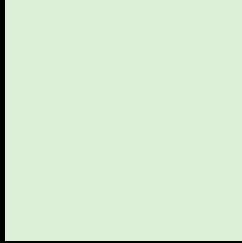
Large Text (above 18pt) WCAG AA × Fail

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 82.4937, 0.3141, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

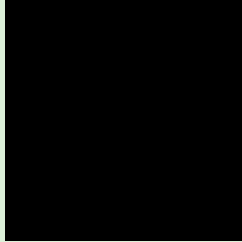
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

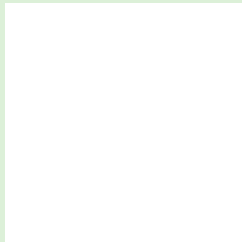
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4937, 0.3141, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 82.4937, 0.3141, 0.3547.

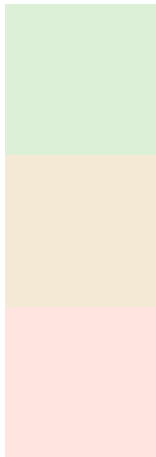


This preview shows how white text looks on a background with the Yxy color 82.4937, 0.3141, 0.3547.

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**

82.4937, 0.3141, 0.3547

Protanopia

82.0860, 0.3331, 0.3507

Deuteranopia

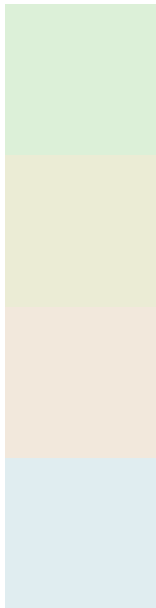
82.0745, 0.3350, 0.3341



Tritanopia

82.6773, 0.2960, 0.3106

Trichromacy



Original Color

82.4937, 0.3141, 0.3547

Protanomaly

82.4572, 0.3265, 0.3530

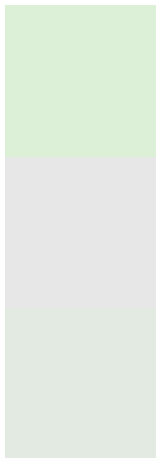
Deuteranomaly

81.7578, 0.3273, 0.3414

Tritanomaly

82.7069, 0.3024, 0.3259

Monochromacy



Original Color

82.4937, 0.3141, 0.3547

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.6675, 0.3130, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4937, 0.3141, 0.3547 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, 240, 216)` looks like.

```
.text, #text, p{  
    color:rgb(220, 240, 216)  
}
```

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, 240, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 240, 216) }
```

Border

The CSS property to change the border of an element to Yxy 82.4937, 0.3141, 0.3547 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, 240, 216) }
```

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

```
.border{ border-color:rgb(220, 240, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 240, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 240, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 240, 216);  
box-shadow:4px 4px 4px 4px rgb(220, 240,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4937, 0.3141, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 240, 216) }
```

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

```
.background{ background-color: rgb(220,  
240, 216) }
```

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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