

Converting Colors

$Yxy(81.9549, 0.3115, 0.3476)$

Have a look what the booklet for
Yxy(81.9549, 0.3115, 0.3476)
contains.

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Color

Yxy(82.3256, 0.3118, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	DDEFDD
RGB	221, 239, 221
RGB Percent	87%, 94%, 87%
CMY	0.1333, 0.0627, 0.1332
CMYK	0.08, 0.00, 0.08, 0.06
HSL	120°, 36%, 90%
HSV	120°, 8%, 94%
XYZ	73.7407, 82.3256, 80.4336
YIQ	231.5660, -4.9500, -9.4140

Conversions

Conversions Part 2

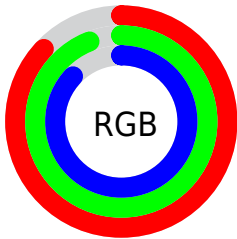
Format	Color
R_{YB}	221, 239, 239
Decimal	14544861
CIE _{Lab}	92.72, -9.18, 6.65
CIE _{LCh}	93, 11.332, 144.073
Yxy	82.3256, 0.3118, 0.3481
Android (android.graphics.Color)	4292734941 (0xFFDDEFDD)
YUV	231.5660, -5.2090, -9.2664
Hunter-Lab	90.7335, -13.7135, 10.9539

Details

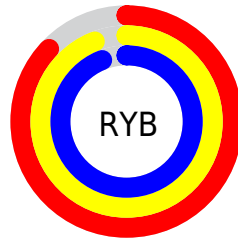
The Yxy color **82.3256, 0.3118, 0.3481** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.2966, 0.3136, 0.3106**, and the grayscale version is **80.4012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7271, 0.3116, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **77.6576, 0.3104, 0.3766**, and if you desaturate by 10%, it is **87.7154, 0.3130, 0.3232**.

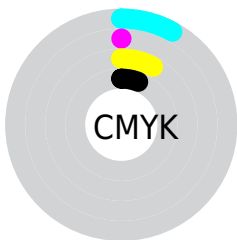
Distribution



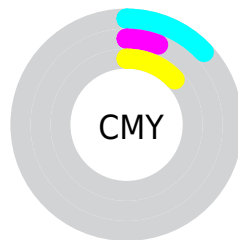
- Red (87%)
- Green (94%)
- Blue (87%)



- Red (87%)
- Yellow (94%)
- Blue (94%)



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





- Cyan (13%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.3256, 0.3118, 0.3481 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 82.3256, 0.3118, 0.3481 by changing the saturation by 10% instead.


 82.3256, 0.3118,
0.3481

 82.3256, 0.3118,
0.3481


502.7362, 0.3123,
0.3393

 61.6340, 0.3117,
0.3501


136.6305, 0.3120,
0.3451

 44.7370, 0.3115,
0.3525


171.0126, 0.3120,
0.3439

 31.2503, 0.3113,
0.3556


210.7269, 0.3121,
0.3429

 20.7895, 0.3110,
0.3597

256.1578, 0.3121,
0.3420

 12.9702, 0.3106,
0.3651

307.6899, 0.3122,
0.3412

 7.4081, 0.3100,
0.3729

365.7073, 0.3122,

 3.7186, 0.3089,

0.3405

0.3851

430.5946, 0.3122,
0.3399

■ 1.5174, 0.3066,
0.4064

■ 0.3009, 0.1709,
0.8291

■ 82.3256, 0.3118,
0.3481

■ 82.3256, 0.3118,
0.3481

■ 77.6576, 0.3104,
0.3766

■ 87.7154, 0.3130,
0.3232

■ 73.6708, 0.3089,
0.4084

■ 90.2139, 0.3134,
0.3136

■ 70.3366, 0.3073,
0.4431

■ 67.6203, 0.3056,
0.4792

■ 65.4839, 0.3039,
0.5146

■ 63.8852, 0.3024,
0.5466

■ 62.7765, 0.3012,
0.5723

■ 62.1015, 0.3004,
0.5898

■ 61.7858, 0.3000,
0.5985

Harmonies

Analogous

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



82.3256, 0.3248, 0.3520



82.3256, 0.3118, 0.3481



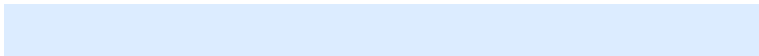
82.3256, 0.2993, 0.3387

Triad

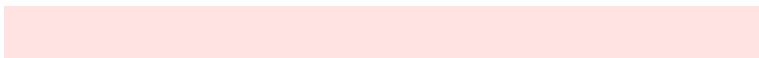
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.3256, 0.3118, 0.3481



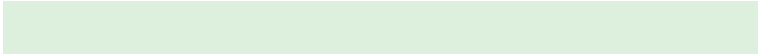
82.3256, 0.2911, 0.3086



82.3256, 0.3355, 0.3306

Complementary

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



82.3256, 0.3118, 0.3481



76.2966, 0.3136, 0.3106

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.



82.3256, 0.3261, 0.3195



82.3256, 0.3118, 0.3481



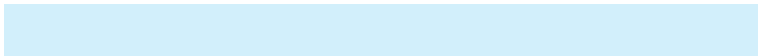
82.3256, 0.3004, 0.3069

Square

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



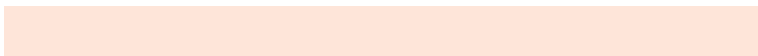
82.3256, 0.3118, 0.3481



82.3256, 0.2875, 0.3157



82.3256, 0.3132, 0.3109



82.3256, 0.3386, 0.3415

Rectangle

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



82.3256, 0.3118, 0.3481



82.3256, 0.2928, 0.3308



82.3256, 0.3132, 0.3109



82.3256, 0.3329, 0.3267

Sweetspot

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



82.3291, 0.3118, 0.3481



98.7219, 0.3125, 0.3339



85.3056, 0.3239, 0.3475



21.1439, 0.3125, 0.3337



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.



82.3291, 0.3118, 0.3481



94.5154, 0.3116, 0.3522



82.8202, 0.3064, 0.3385



17.6568, 0.3115, 0.3534



34.1157, 0.3000, 0.5999



2.8383, 0.2999, 0.5996

Inverse Universe

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



76.2966, 0.3136, 0.3106



86.2189, 0.3138, 0.3069



75.7796, 0.3195, 0.3197



16.0310, 0.3138, 0.3058



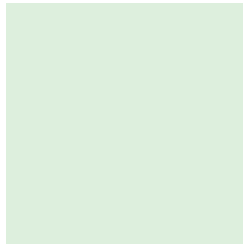
13.5720, 0.3213, 0.1544



1.1292, 0.3213, 0.1544

Previews

White Background



This preview shows how the Yxy color 82.3256, 0.3118, 0.3481 looks on a white background.

Color Contrast Check

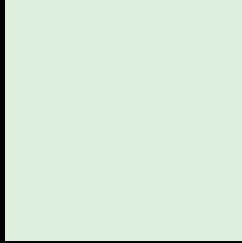
Large Text (above 18pt) WCAG AA × Fail

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 82.3256, 0.3118, 0.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

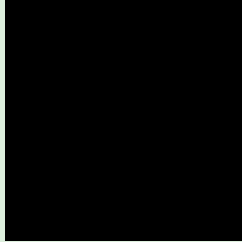
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

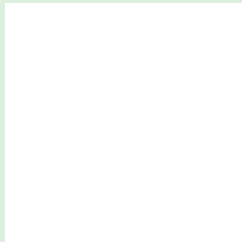
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.3256, 0.3118, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 82.3256, 0.3118, 0.3481.

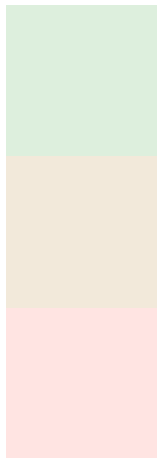


This preview shows how white text looks on a background with the Yxy color 82.3256, 0.3118, 0.3481.

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

82.3256, 0.3118, 0.3481

Protanopia

82.2170, 0.3285, 0.3444

Deuteranopia

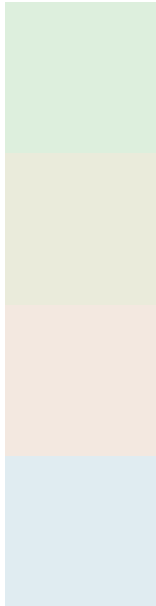
82.2378, 0.3330, 0.3311



Tritanopia

82.1062, 0.2960, 0.3095

Trichromacy



Original Color

82.3256, 0.3118, 0.3481

Protanomaly

82.0236, 0.3221, 0.3457

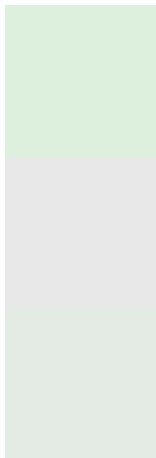
Deuteranomaly

82.1497, 0.3254, 0.3372

Tritanomaly

82.1891, 0.3018, 0.3238

Monochromacy



Original Color

82.3256, 0.3118, 0.3481

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.5121, 0.3124, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3256, 0.3118, 0.3481 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(221, 239, 221)` looks like.

```
.text, #text, p{  
    color:rgb(221, 239, 221)  
}
```

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(221, 239, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 239, 221) }
```

Border

The CSS property to change the border of an element to Yxy 82.3256, 0.3118, 0.3481 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(221, 239, 221) }
```

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

```
.border{ border-color:rgb(221, 239, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 239, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 239, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 239, 221);  
box-shadow:4px 4px 4px 4px rgb(221, 239,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3256, 0.3118, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 239, 221) }
```

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

```
.background{ background-color: rgb(221,  
239, 221) }
```

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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