

Converting Colors

Yxy(81.4626, 0.3112, 0.3617)

Have a look what the booklet for
Yxy(81.4626, 0.3112, 0.3617)
contains.

Yxy(81.4626, 0.3112, 0.3617)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(81.4626, 0.3112, 0.3617)

Conversions

Conversions Part 1

Format	Color
Hex	D3F1D3
RGB	211, 241, 211
RGB Percent	83%, 95%, 83%
CMY	0.1724, 0.0549, 0.1725
CMYK	0.12, 0.00, 0.12, 0.05
HSL	120°, 52%, 89%
HSV	120°, 12%, 95%
XYZ	70.0889, 81.4626, 73.6699
YIQ	228.6100, -8.2500, -15.6900

Conversions

Conversions Part 2

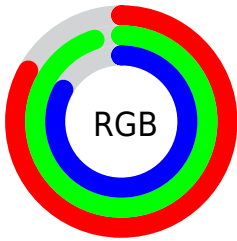
Format	Color
R _Y B	211, 241, 241
Decimal	13890003
CIE Lab	92.34, -15.25, 11.21
CIE LCh	92, 18.923, 143.677
Yxy	81.4626, 0.3112, 0.3617
Android (android.graphics.Color)	4292080083 (0xFFD3F1D3)
YUV	228.6100, -8.6817, -15.4440
Hunter-Lab	90.2566, -19.3347, 14.7855

Details

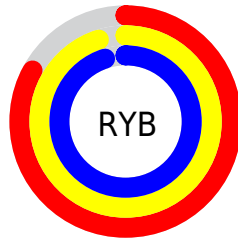
The Yxy color **81.4626, 0.3112, 0.3617** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.6435, 0.3141, 0.2983**, and the grayscale version is **78.1311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.1661, 0.3108, 0.3704** is the 20% darker color. If you saturate the color by 10%, you get **77.0516, 0.3098, 0.3920**, and if you desaturate by 10%, it is **86.5944, 0.3124, 0.3350**.

Distribution



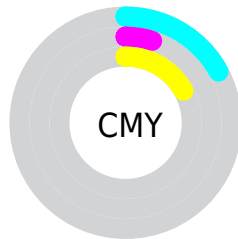
- Red (83%)
- Green (95%)
- Blue (83%)



- Red (83%)
- Yellow (95%)
- Blue (95%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)





- Cyan (17%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.4626, 0.3112, 0.3617 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 81.4626, 0.3112, 0.3617 by changing the saturation by 10% instead.

 81.4626, 0.3112,
0.3617

 81.4626, 0.3112,
0.3617


499.8483, 0.3121,
0.3465

 60.9227, 0.3110,
0.3652

135.4201, 0.3115,
0.3564

 44.1628, 0.3107,
0.3695


169.6065, 0.3116,
0.3544

 30.7985, 0.3102,
0.3749


209.1105, 0.3117,
0.3526

 20.4454, 0.3097,
0.3821

254.3165, 0.3118,
0.3511

 12.7193, 0.3088,
0.3919

305.6089, 0.3119,
0.3497

 7.2355, 0.3073,
0.4061

363.3720, 0.3120,

 3.6098, 0.3045,

0.3485

0.4284

427.9904, 0.3120,
0.3475

■ 1.4578, 0.3006,
0.4718

■ 0.2587, 0.0000,
1.0000

■ 81.4626, 0.3112,
0.3617

■ 81.4626, 0.3112,
0.3617

■ 77.0516, 0.3098,
0.3920

■ 86.5944, 0.3124,
0.3350

■ 73.3193, 0.3082,
0.4254

■ 91.3859, 0.3133,
0.3156

■ 70.2352, 0.3066,
0.4610

■ 67.7623, 0.3049,
0.4971

■ 65.8602, 0.3033,
0.5312

■ 64.4830, 0.3019,
0.5605

■ 63.5785, 0.3009,
0.5823

■ 63.0831, 0.3002,
0.5952

■ 62.9074, 0.3000,
0.6000

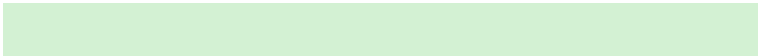
Harmonies

Analogous

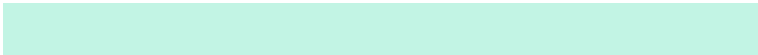
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.4626, 0.3329, 0.3679



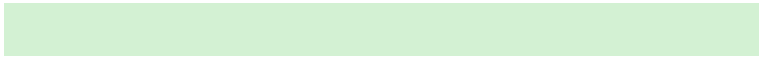
81.4626, 0.3112, 0.3617



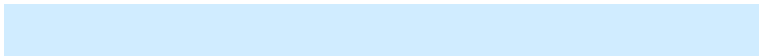
81.4626, 0.2904, 0.3457

Triad

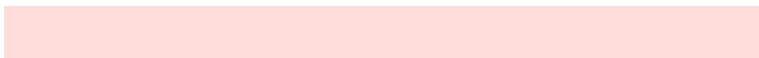
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.4626, 0.3112, 0.3617



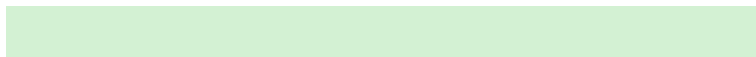
81.4626, 0.2767, 0.2950



81.4626, 0.3509, 0.3310

Complementary

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



81.4626, 0.3112, 0.3617



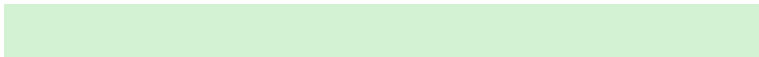
71.6435, 0.3141, 0.2983

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.



81.4626, 0.3348, 0.3129



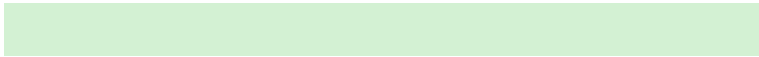
81.4626, 0.3112, 0.3617



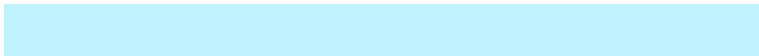
81.4626, 0.2918, 0.2925

Square

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



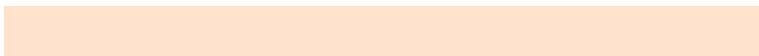
81.4626, 0.3112, 0.3617



81.4626, 0.2709, 0.3066



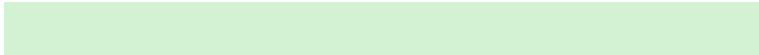
81.4626, 0.3130, 0.2991



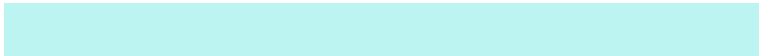
81.4626, 0.3563, 0.3492

Rectangle

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



81.4626, 0.3112, 0.3617



81.4626, 0.2798, 0.3321



81.4626, 0.3130, 0.2991



81.4626, 0.3465, 0.3247

Sweetspot

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



81.4661, 0.3112, 0.3617



97.4786, 0.3123, 0.3390



86.0141, 0.3314, 0.3593



20.7662, 0.3122, 0.3409



0.0000, 0.0000, 0.0000



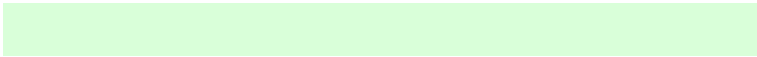
21.4041, 0.3127, 0.3290

Same Dimension

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



81.4661, 0.3112, 0.3617



91.2356, 0.3108, 0.3693



82.2217, 0.3026, 0.3456



17.6571, 0.3116, 0.3534



34.1161, 0.3000, 0.6000



2.8384, 0.3001, 0.5999

Inverse Universe

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



71.6435, 0.3141, 0.2983



77.9702, 0.3144, 0.2918



70.8168, 0.3242, 0.3129



16.0307, 0.3138, 0.3057



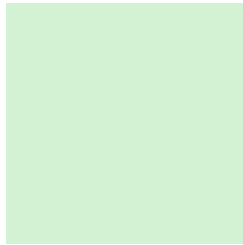
13.5640, 0.3207, 0.1540



1.1286, 0.3207, 0.1540

Previews

White Background



This preview shows how the Yxy color 81.4626, 0.3112, 0.3617 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 81.4626, 0.3112, 0.3617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

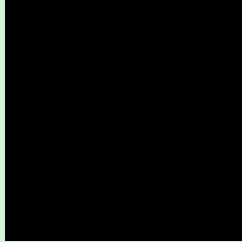
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

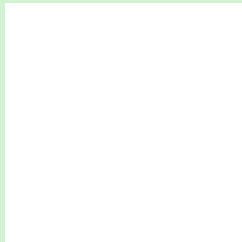
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.4626, 0.3112, 0.3617

Background



This preview shows how black text looks on a background with the Yxy color 81.4626, 0.3112, 0.3617.

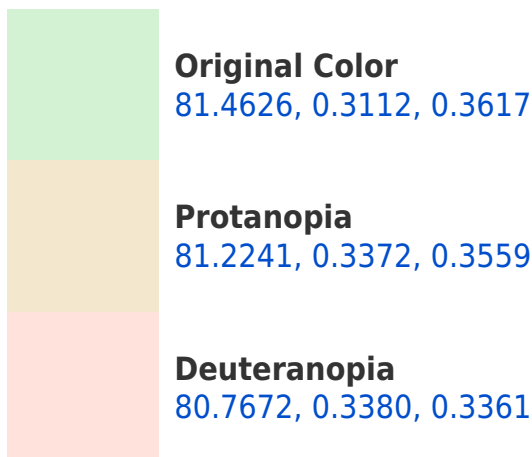


This preview shows how white text looks on a background with the Yxy color 81.4626, 0.3112, 0.3617.

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

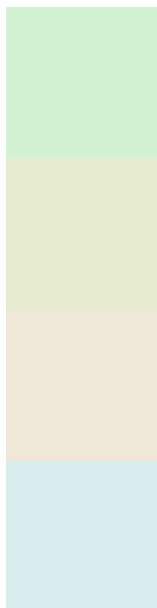




Tritanopia

81.4778, 0.2904, 0.3093

Trichromacy



Original Color

81.4626, 0.3112, 0.3617

Protanomaly

80.9597, 0.3271, 0.3576

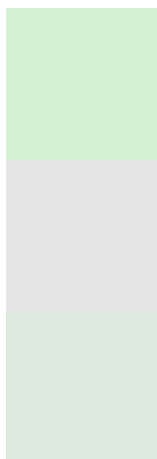
Deuteranomaly

80.4604, 0.3279, 0.3446

Tritanomaly

81.1885, 0.2978, 0.3279

Monochromacy



Original Color

81.4626, 0.3112, 0.3617

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.0813, 0.3122, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.4626, 0.3112, 0.3617 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(211, 241, 211)` looks like.

```
.text, #text, p{  
    color:rgb(211, 241, 211)  
}
```

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(211, 241, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 241, 211) }
```

Border

The CSS property to change the border of an element to Yxy 81.4626, 0.3112, 0.3617 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(211, 241, 211) }
```

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

```
.border{ border-color:rgb(211, 241, 211) }
```

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

Here you see how a box with a 4 pixel rgb(211, 241, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 241, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 241, 211);  
box-shadow:4px 4px 4px 4px rgb(211, 241,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 81.4626, 0.3112, 0.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 241, 211) }
```

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

```
.background{ background-color: rgb(211,  
241, 211) }
```

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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