

Converting Colors

Yxy(81.8193, 0.3107, 0.3649)

Have a look what the booklet for
Yxy(81.8193, 0.3107, 0.3649)
contains.

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Color

Yxy(81.6630, 0.3110, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	D1F2D1
RGB	209, 242, 209
RGB Percent	82%, 95%, 82%
CMY	0.1806, 0.0509, 0.1805
CMYK	0.14, 0.00, 0.14, 0.05
HSL	120°, 56%, 88%
HSV	120°, 14%, 95%
XYZ	69.5432, 81.6630, 72.4055
YIQ	228.3710, -9.0750, -17.2590

Conversions

Conversions Part 2

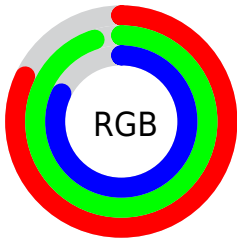
Format	Color
R _Y B	209, 242, 242
Decimal	13759185
CIE Lab	92.43, -16.80, 12.37
CIE LCh	92, 20.867, 143.637
Yxy	81.6630, 0.3110, 0.3652
Android (android.graphics.Color)	4291949265 (0xFFD1F2D1)
YUV	228.3710, -9.5499, -16.9884
Hunter-Lab	90.3676, -20.7769, 15.7522

Details

The Yxy color **81.6630, 0.3110, 0.3652** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.8692, 0.3143, 0.2953**, and the grayscale version is **77.9405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.3544, 0.3098, 0.3734** is the 20% darker color. If you saturate the color by 10%, you get **77.2932, 0.3095, 0.3959**, and if you desaturate by 10%, it is **86.7578, 0.3123, 0.3381**.

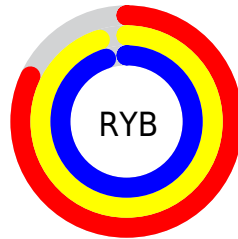
Distribution



Red (82%)

Green (95%)

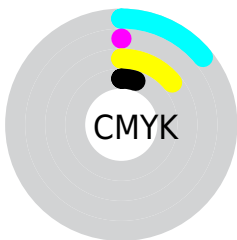
Blue (82%)



Red (82%)

Yellow (95%)

Blue (95%)

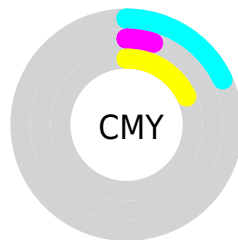


Cyan (14%)

Magenta (0%)

Yellow (14%)

Black (5%)



Cyan (18%)


Magenta (5%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.6630, 0.3110, 0.3652 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 81.6630, 0.3110, 0.3652 by changing the saturation by 10% instead.


 81.6630, 0.3110,
0.3652

 81.6630, 0.3110,
0.3652

500.5197, 0.3120,
0.3484

 61.0878, 0.3107,
0.3691


135.7013, 0.3114,
0.3593

 44.2960, 0.3104,
0.3738

169.9332, 0.3115,
0.3571

 30.9033, 0.3099,
0.3799

209.4861, 0.3116,
0.3551

 20.5252, 0.3092,
0.3879

254.7444, 0.3117,
0.3534

 12.7774, 0.3081,
0.3988

306.0926, 0.3118,
0.3519

 7.2754, 0.3064,
0.4146

363.9149, 0.3119,

 3.6350, 0.3031,

0.3506

0.4395

428.5958, 0.3119,
0.3494

■ 1.4715, 0.2992,
0.4900

■ 0.2686, 0.0000,
1.0000

■ 81.6630, 0.3110,
0.3652

■ 81.6630, 0.3110,
0.3652

■ 77.2932, 0.3095,
0.3959

■ 86.7578, 0.3123,
0.3381

■ 73.6055, 0.3080,
0.4296

■ 91.9954, 0.3133,
0.3166

■ 70.5688, 0.3063,
0.4654

■ 68.1452, 0.3046,
0.5014

■ 66.2931, 0.3030,
0.5351

■ 64.9657, 0.3017,
0.5635

■ 64.1086, 0.3007,
0.5843

■ 63.6558, 0.3002,
0.5962

■ 63.5158, 0.3000,
0.6000

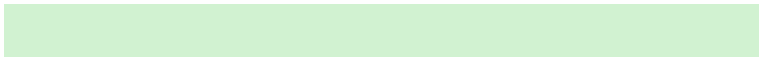
Harmonies

Analogous

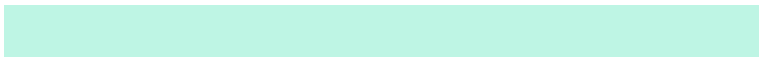
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6630, 0.3349, 0.3720



81.6630, 0.3110, 0.3652



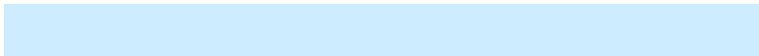
81.6630, 0.2882, 0.3474

Triad

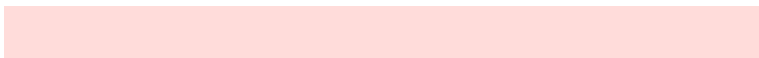
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.6630, 0.3110, 0.3652



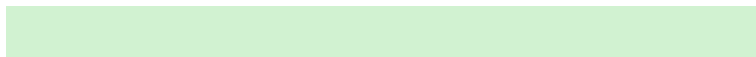
81.6630, 0.2731, 0.2916



81.6630, 0.3548, 0.3310

Complementary

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



81.6630, 0.3110, 0.3652



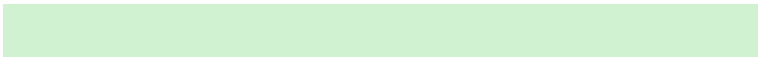
70.8692, 0.3143, 0.2953

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.



81.6630, 0.3370, 0.3113



81.6630, 0.3110, 0.3652



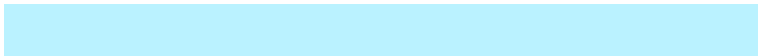
81.6630, 0.2897, 0.2890

Square

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



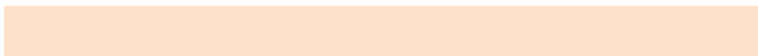
81.6630, 0.3110, 0.3652



81.6630, 0.2668, 0.3043



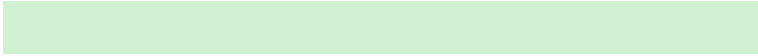
81.6630, 0.3130, 0.2962



81.6630, 0.3608, 0.3510

Rectangle

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



81.6630, 0.3110, 0.3652



81.6630, 0.2765, 0.3323



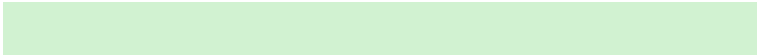
81.6630, 0.3130, 0.2962



81.6630, 0.3500, 0.3242

Sweetspot

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



81.6665, 0.3110, 0.3652



97.4774, 0.3122, 0.3389



86.9971, 0.3332, 0.3629



20.7659, 0.3122, 0.3409



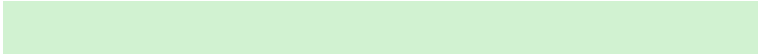
0.0000, 0.0000, 0.0000



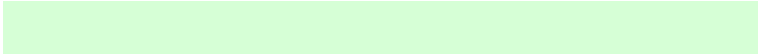
21.4041, 0.3127, 0.3290

Same Dimension

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



81.6665, 0.3110, 0.3652



90.7132, 0.3107, 0.3722



82.5268, 0.3013, 0.3468



17.6566, 0.3116, 0.3534



34.1154, 0.3000, 0.5999



2.8382, 0.2999, 0.5998

Inverse Universe

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



70.8692, 0.3143, 0.2953



76.6723, 0.3146, 0.2893



69.9217, 0.3259, 0.3118



16.0312, 0.3138, 0.3058



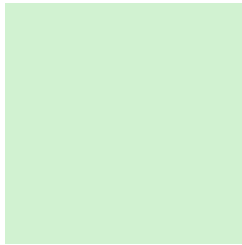
13.5786, 0.3211, 0.1543



1.1297, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 81.6630, 0.3110, 0.3652 looks on a white background.

Color Contrast Check

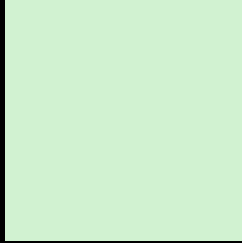
Large Text (above 18pt) WCAG AA × Fail

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 81.6630, 0.3110, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

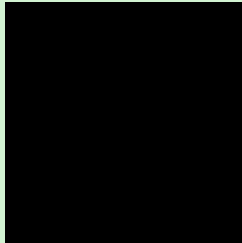
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

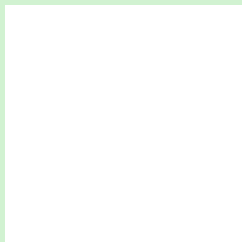
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.6630, 0.3110, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 81.6630, 0.3110, 0.3652.

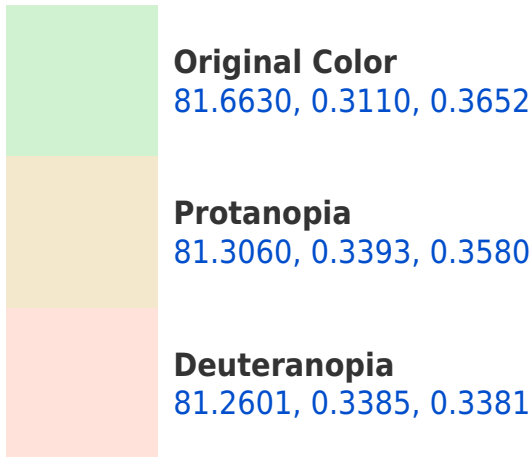


This preview shows how white text looks on a background with the Yxy color 81.6630, 0.3110, 0.3652.

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

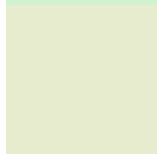
81.7456, 0.2892, 0.3103

Trichromacy



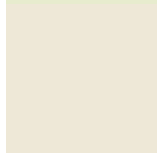
Original Color

81.6630, 0.3110, 0.3652



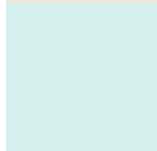
Protanomaly

81.4361, 0.3282, 0.3608



Deuteranomaly

80.7967, 0.3278, 0.3467



Tritanomaly

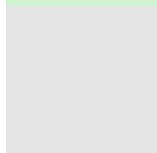
81.4683, 0.2966, 0.3290

Monochromacy



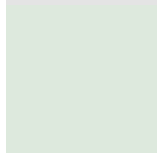
Original Color

81.6630, 0.3110, 0.3652



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

78.8704, 0.3121, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.6630, 0.3110, 0.3652 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(209, 242, 209)` looks like.

```
.text, #text, p{  
    color:rgb(209, 242, 209)  
}
```

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(209, 242, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 242, 209) }
```

Border

The CSS property to change the border of an element to Yxy 81.6630, 0.3110, 0.3652 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(209, 242, 209) }
```

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

```
.border{ border-color:rgb(209, 242, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 242, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 242, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 242, 209);  
box-shadow:4px 4px 4px 4px rgb(209, 242,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 81.6630, 0.3110, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 242, 209) }
```

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

```
.background{ background-color: rgb(209,  
242, 209) }
```

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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