

Converting Colors

$Yxy(80.9666, 0.3206, 0.3826)$

Have a look what the booklet for
Yxy(80.9666, 0.3206, 0.3826)
contains.

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Color

Yxy(80.9546, 0.3200, 0.3822)

Conversions

Conversions Part 1

Format	Color
Hex	D1F2C2
RGB	209, 242, 194
RGB Percent	82%, 95%, 76%
CMY	0.1804, 0.0509, 0.2393
CMYK	0.14, 0.00, 0.20, 0.05
HSL	101°, 65%, 85%
HSV	101°, 20%, 95%
XYZ	67.7799, 80.9546, 63.0777
YIQ	226.6610, -4.2600, -21.9240

Conversions

Conversions Part 2

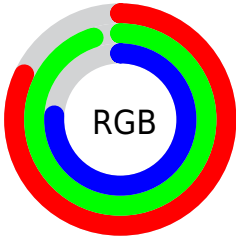
Format	Color
RYB	194, 242, 227
Decimal	13759170
CIELab	92.11, -19.29, 19.67
CIELCh	92, 27.552, 134.435
Yxy	80.9546, 0.3200, 0.3822
Android (android.graphics.Color)	4291949250 (0xFFD1F2C2)
YUV	226.6610, -16.1019, -15.4887
Hunter-Lab	89.9748, -22.9881, 21.4165

Details

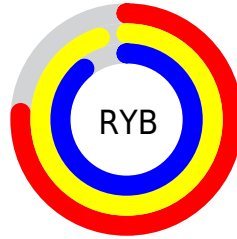
The Yxy color **80.9546, 0.3200, 0.3822** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.3150, 0.3037, 0.2779**, and the grayscale version is **76.6779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **43.8813, 0.3212, 0.3957** is the 20% darker color. If you saturate the color by 10%, you get **77.6567, 0.3232, 0.4127**, and if you desaturate by 10%, it is **84.6899, 0.3164, 0.3541**.

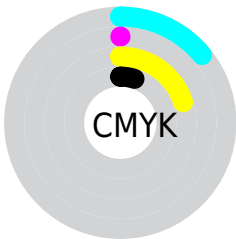
Distribution



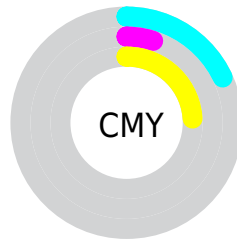
- Red (82%)
- Green (95%)
- Blue (76%)



- Red (76%)
- Yellow (95%)
- Blue (89%)



- Cyan (14%)
- Magenta (0%)
- Yellow (20%)
- Black (5%)




- Cyan (18%)
- Magenta (5%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.9546, 0.3200, 0.3822 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 80.9546, 0.3200, 0.3822 by changing the saturation by 10% instead.


 80.9546, 0.3200,
0.3822

 80.9546, 0.3200,
0.3822


498.1441, 0.3171,
0.3573

 60.5042, 0.3205,
0.3880


 134.7070, 0.3191,
0.3735

 43.8252, 0.3212,
0.3951


168.7778, 0.3187,
0.3701

 30.5331, 0.3218,
0.4042


208.1576, 0.3184,
0.3672

 20.2436, 0.3225,
0.4161

253.2307, 0.3181,
0.3647

 12.5722, 0.3232,
0.4324

304.3815, 0.3178,
0.3625

 7.1346, 0.3234,
0.4561

361.9944, 0.3175,

 3.5464, 0.3222,

0.3606

0.4931

426.4538, 0.3173,
0.3588

■ 1.4232, 0.3477,
0.6158

■ 0.2338, 0.0000,
1.0000

■ 80.9546, 0.3200,
0.3822

■ 80.9546, 0.3200,
0.3822

■ 77.6567, 0.3232,
0.4127

■ 84.6899, 0.3164,
0.3541

■ 74.7695, 0.3257,
0.4448

■ 88.8676, 0.3127,
0.3286

■ 72.2791, 0.3273,
0.4775

■ 91.9901, 0.3133,
0.3166

■ 70.1667, 0.3276,
0.5091

■ 68.4119, 0.3264,
0.5376

■ 66.9921, 0.3236,
0.5611

■ 65.8815, 0.3193,
0.5781

■ 65.0433, 0.3143,
0.5886

■ 65.0322, 0.3142,
0.5887

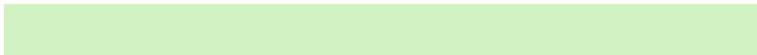
Harmonies

Analogous

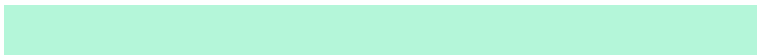
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9546, 0.3504, 0.3855



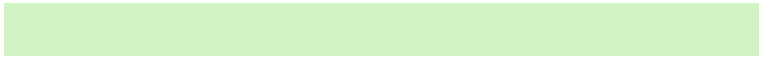
80.9546, 0.3200, 0.3822



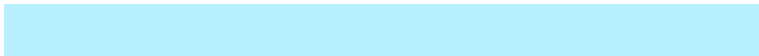
80.9546, 0.2887, 0.3621

Triad

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



80.9546, 0.3200, 0.3822



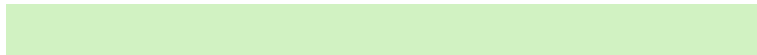
80.9546, 0.2567, 0.2833



80.9546, 0.3628, 0.3230

Complementary

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



80.9546, 0.3200, 0.3822



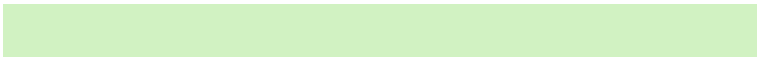
61.3150, 0.3037, 0.2779

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.



80.9546, 0.3354, 0.2989



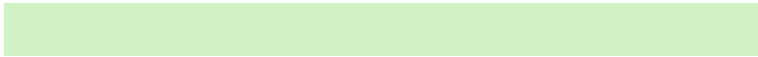
80.9546, 0.3200, 0.3822



80.9546, 0.2744, 0.2763

Square

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



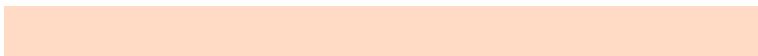
80.9546, 0.3200, 0.3822



80.9546, 0.2532, 0.3032



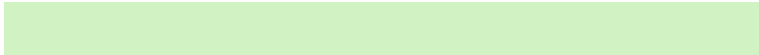
80.9546, 0.3028, 0.2821



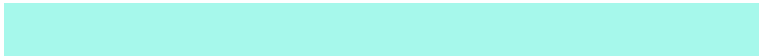
80.9546, 0.3761, 0.3496

Rectangle

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



80.9546, 0.3200, 0.3822



80.9546, 0.2714, 0.3426



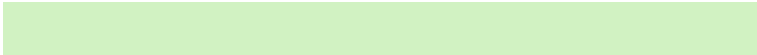
80.9546, 0.3028, 0.2821



80.9546, 0.3549, 0.3144

Sweetspot

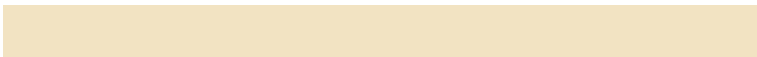
The Sweet Spot groups the original color and five complimentary colors.



80.9581, 0.3200, 0.3822



97.1130, 0.3150, 0.3440



77.6015, 0.3455, 0.3635



20.7213, 0.3152, 0.3457



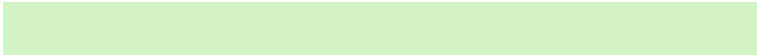
0.0000, 0.0000, 0.0000



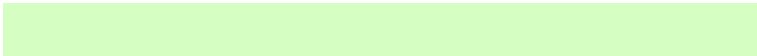
21.4041, 0.3127, 0.3290

Same Dimension

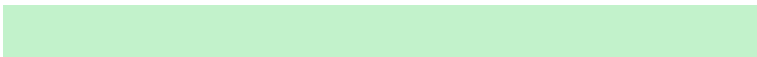
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9581, 0.3200, 0.3822



89.5417, 0.3214, 0.3948



79.2778, 0.3050, 0.3735



17.8960, 0.3163, 0.3531



34.9964, 0.3153, 0.5879



2.9622, 0.3251, 0.5801

Inverse Universe

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



61.3150, 0.3037, 0.2779



63.5253, 0.3013, 0.2664



63.3472, 0.3215, 0.2883



15.7692, 0.3088, 0.3054



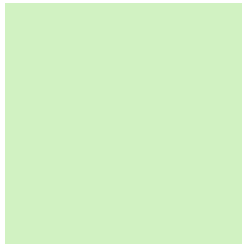
7.8956, 0.2433, 0.1114



0.7094, 0.2537, 0.1171

Previews

White Background



This preview shows how the Yxy color 80.9546, 0.3200, 0.3822 looks on a white background.

Color Contrast Check

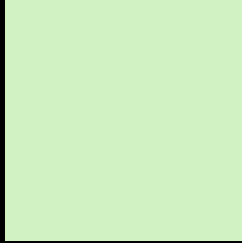
Large Text (above 18pt) WCAG AA × Fail

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 80.9546, 0.3200, 0.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

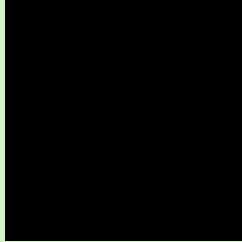
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

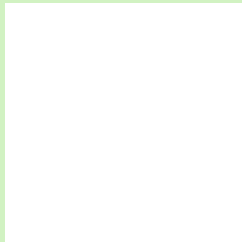
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.9546, 0.3200, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 80.9546, 0.3200, 0.3822.

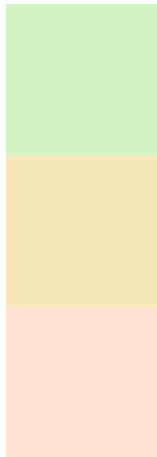


This preview shows how white text looks on a background with the Yxy color 80.9546, 0.3200, 0.3822.

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

80.9546, 0.3200, 0.3822

Protanopia

80.4188, 0.3510, 0.3726

Deuteranopia

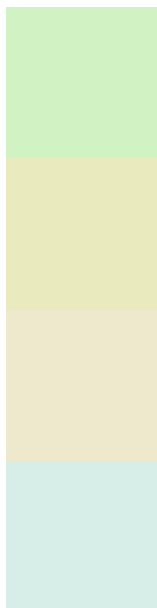
80.3559, 0.3435, 0.3442



Tritanopia

80.8429, 0.2910, 0.3092

Trichromacy



Original Color

80.9546, 0.3200, 0.3822

Protanomaly

80.5019, 0.3395, 0.3758

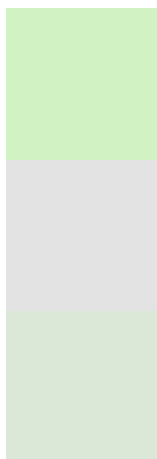
Deuteranomaly

80.2981, 0.3343, 0.3573

Tritanomaly

80.8416, 0.3014, 0.3343

Monochromacy



Original Color

80.9546, 0.3200, 0.3822

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.8352, 0.3153, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.9546, 0.3200, 0.3822 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(209, 242, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 242, 194) }
```

Border

The CSS property to change the border of an element to Yxy 80.9546, 0.3200, 0.3822 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, 194) }
```

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

```
.border{ border-color:rgb(209, 242, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 242, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 242, 194);  
box-shadow:4px 4px 4px 4px rgb(209, 242,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 80.9546, 0.3200, 0.3822 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, 194) }
```

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

```
.background{ background-color: rgb(209,  
242, 194) }
```

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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