

Converting Colors

$Yxy(80.8712, 0.3190, 0.3826)$

Have a look what the booklet for
Yxy(80.8712, 0.3190, 0.3826)
contains.

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Color

Yxy(80.8092, 0.3193, 0.3823)

Conversions

Conversions Part 1

Format	Color
Hex	D0F2C2
RGB	208, 242, 194
RGB Percent	82%, 95%, 76%
CMY	0.1845, 0.0509, 0.2392
CMYK	0.14, 0.00, 0.20, 0.05
HSL	103°, 65%, 85%
HSV	103°, 20%, 95%
XYZ	67.4925, 80.8092, 63.0747
YIQ	226.3620, -4.8560, -22.1360

Conversions

Conversions Part 2

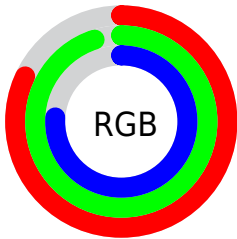
Format	Color
RYB	194, 242, 228
Decimal	13693634
CIELab	92.05, -19.64, 19.56
CIElCh	92, 27.724, 135.114
Yxy	80.8092, 0.3193, 0.3823
Android (android.graphics.Color)	4291883714 (0xFFD0F2C2)
YUV	226.3620, -15.9545, -16.1035
Hunter-Lab	89.8939, -23.2964, 21.3245

Details

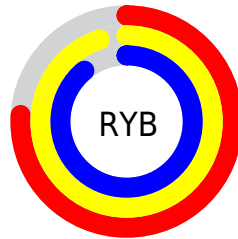
The Yxy color **80.8092, 0.3193, 0.3823** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.4953, 0.3044, 0.2781**, and the grayscale version is **76.4458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **43.7836, 0.3203, 0.3958** is the 20% darker color. If you saturate the color by 10%, you get **77.4582, 0.3221, 0.4129**, and if you desaturate by 10%, it is **84.6135, 0.3161, 0.3541**.

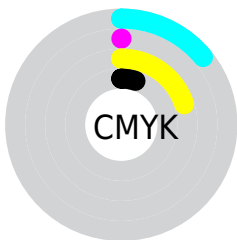
Distribution



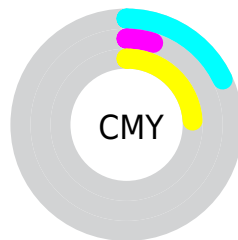
- Red (82%)
- Green (95%)
- Blue (76%)



- 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 80.8092, 0.3193, 0.3823 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 80.8092, 0.3193, 0.3823 by changing the saturation by 10% instead.

 80.8092, 0.3193,
0.3823

 80.8092, 0.3193,
0.3823

497.6557, 0.3167,
0.3573

 60.3845, 0.3198,
0.3881


 134.5028, 0.3185,
0.3736

 43.7286, 0.3203,
0.3952


168.5405, 0.3182,
0.3702

 30.4572, 0.3209,
0.4043


207.8846, 0.3179,
0.3673

 20.1859, 0.3214,
0.4163

252.9196, 0.3176,
0.3648

 12.5302, 0.3219,
0.4328

304.0298, 0.3173,
0.3626

 7.1059, 0.3218,
0.4566


361.5996, 0.3171,


 3.5284, 0.3202,


0.3606


0.4940


426.0135, 0.3169,
0.3589


 1.4134, 0.3448,
0.6184


 0.2266, 0.0000,
1.0000


 80.8092, 0.3193,
0.3823


 80.8092, 0.3193,
0.3823


 77.4582, 0.3221,
0.4129

 84.6135, 0.3161,
0.3541

 74.5329, 0.3243,
0.4453

 88.8768, 0.3127,
0.3286

 72.0186, 0.3256,
0.4783

 91.9941, 0.3133,
0.3166

 69.8956, 0.3257,
0.5101

■ 68.1425, 0.3243,
0.5389

■ 66.7356, 0.3214,
0.5626

■ 65.6479, 0.3173,
0.5796

■ 64.8411, 0.3124,
0.5901

■ 64.8301, 0.3123,
0.5902

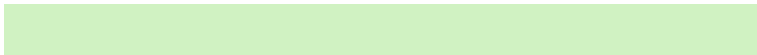
Harmonies

Analogous

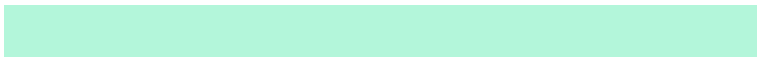
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8092, 0.3501, 0.3860



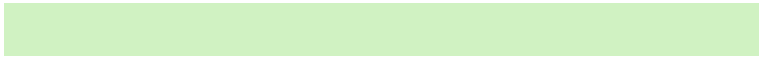
80.8092, 0.3193, 0.3823



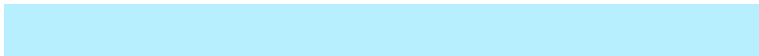
80.8092, 0.2878, 0.3617

Triad

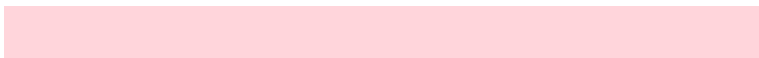
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.8092, 0.3193, 0.3823



80.8092, 0.2566, 0.2827



80.8092, 0.3636, 0.3235

Complementary

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



80.8092, 0.3193, 0.3823



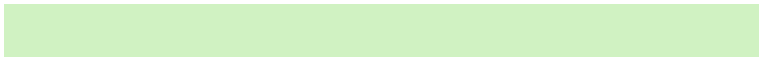
61.4953, 0.3044, 0.2781

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.



80.8092, 0.3363, 0.2992



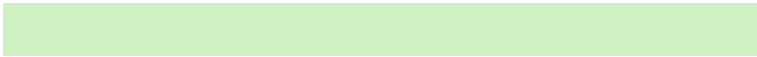
80.8092, 0.3193, 0.3823



80.8092, 0.2747, 0.2759

Square

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



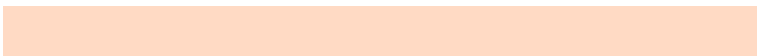
80.8092, 0.3193, 0.3823



80.8092, 0.2527, 0.3024



80.8092, 0.3035, 0.2821



80.8092, 0.3767, 0.3503

Rectangle

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



80.8092, 0.3193, 0.3823



80.8092, 0.2706, 0.3420



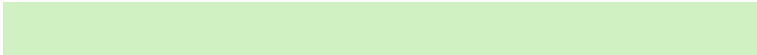
80.8092, 0.3035, 0.2821



80.8092, 0.3557, 0.3149

Sweetspot

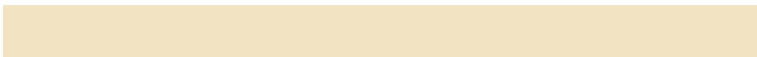
The Sweet Spot groups the original color and five complimentary colors.



80.8127, 0.3193, 0.3823



97.0532, 0.3148, 0.3440



78.0473, 0.3454, 0.3643



20.7072, 0.3150, 0.3457



0.0000, 0.0000, 0.0000



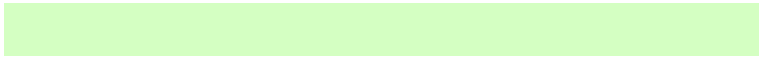
21.4041, 0.3127, 0.3290

Same Dimension

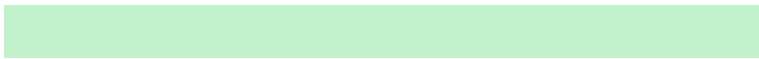
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8127, 0.3193, 0.3823



89.3431, 0.3206, 0.3950



79.3230, 0.3046, 0.3725



17.8790, 0.3159, 0.3531



34.8825, 0.3134, 0.5894



2.9510, 0.3229, 0.5818

Inverse Universe

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



61.4953, 0.3044, 0.2781



63.7543, 0.3023, 0.2666



63.3107, 0.3221, 0.2891



15.7872, 0.3091, 0.3054



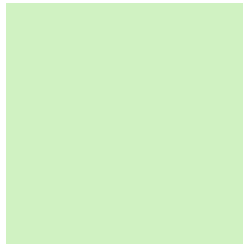
8.2066, 0.2485, 0.1143



0.7334, 0.2583, 0.1197

Previews

White Background



This preview shows how the Yxy color 80.8092, 0.3193, 0.3823 looks on a white background.

Color Contrast Check

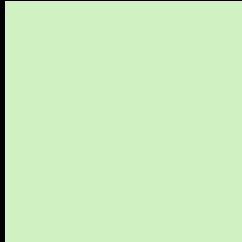
Large Text (above 18pt) WCAG AA × Fail

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 80.8092, 0.3193, 0.3823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

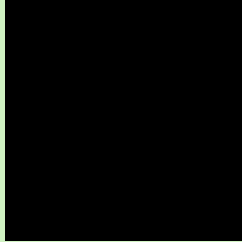
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

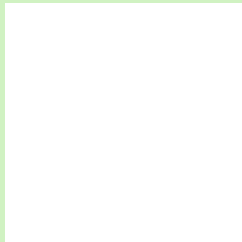
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.8092, 0.3193, 0.3823

Background



This preview shows how black text looks on a background with the Yxy color 80.8092, 0.3193, 0.3823.

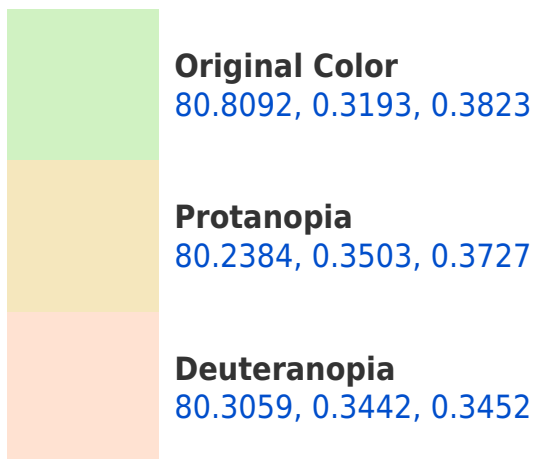


This preview shows how white text looks on a background with the Yxy color 80.8092, 0.3193, 0.3823.

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

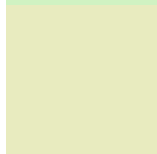
80.6892, 0.2903, 0.3092

Trichromacy



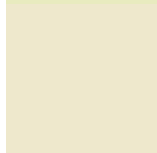
Original Color

80.8092, 0.3193, 0.3823



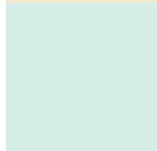
Protanomaly

80.3341, 0.3387, 0.3759



Deuteranomaly

80.2500, 0.3350, 0.3584



Tritanomaly

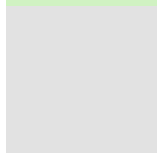
80.6907, 0.3007, 0.3343

Monochromacy



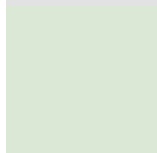
Original Color

80.8092, 0.3193, 0.3823



Achromatopsia

76.0525, 0.3127, 0.3290



Achromatomaly

77.6283, 0.3152, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.8092, 0.3193, 0.3823 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(208, 242, 194)` looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 242, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 242, 194) }
```

Border

The CSS property to change the border of an element to Yxy 80.8092, 0.3193, 0.3823 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(208, 242, 194) }
```

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

```
.border{ border-color:rgb(208, 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(208, 242, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 242, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 242, 194);  
box-shadow:4px 4px 4px 4px rgb(208, 242,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 80.8092, 0.3193, 0.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 242, 194) }
```

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

```
.background{ background-color: rgb(208,  
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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