

Converting Colors

$Yxy(82.8966, 0.3205, 0.3805)$

Have a look what the booklet for
Yxy(82.8966, 0.3205, 0.3805)
contains.

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Color

Yxy(82.8787, 0.3207, 0.3804)

Conversions

Conversions Part 1

Format	Color
Hex	D5F4C5
RGB	213, 244, 197
RGB Percent	84%, 96%, 77%
CMY	0.1646, 0.0431, 0.2275
CMYK	0.13, 0.00, 0.19, 0.04
HSL	100°, 68%, 86%
HSV	100°, 19%, 96%
XYZ	69.8717, 82.8787, 65.1221
YIQ	229.3730, -3.3890, -21.1890

Conversions

Conversions Part 2

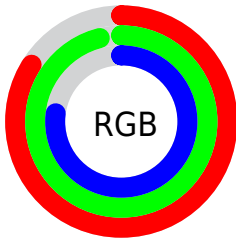
Format	Color
RYB	197, 244, 228
Decimal	14021829
CIELab	92.96, -18.40, 19.36
CIElCh	93, 26.709, 133.554
Yxy	82.8787, 0.3207, 0.3804
Android (android.graphics.Color)	4292211909 (0xFFD5F4C5)
YUV	229.3730, -15.9599, -14.3591
Hunter-Lab	91.0377, -22.3168, 21.3145

Details

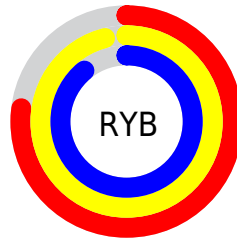
The Yxy color **82.8787, 0.3207, 0.3804** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.9398, 0.3030, 0.2793**, and the grayscale version is **78.7688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **45.2187, 0.3220, 0.3931** is the 20% darker color. If you saturate the color by 10%, you get **79.5668, 0.3244, 0.4106**, and if you desaturate by 10%, it is **86.6170, 0.3166, 0.3525**.

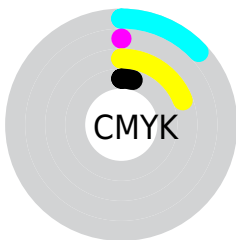
Distribution



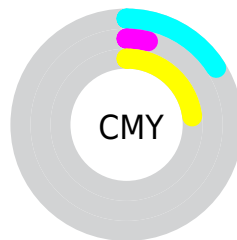
- Red (84%)
- Green (96%)
- Blue (77%)



- Red (77%)
- Yellow (96%)
- Blue (89%)



- Cyan (13%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)




- Cyan (16%)
- Magenta (4%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.8787, 0.3207, 0.3804 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 82.8787, 0.3207, 0.3804 by changing the saturation by 10% instead.


 82.8787, 0.3207,
0.3804

 82.8787, 0.3207,
0.3804


504.5822, 0.3175,
0.3565

 62.0901, 0.3213,
0.3859


137.4056, 0.3197,
0.3721

 45.1055, 0.3220,
0.3927


171.9126, 0.3192,
0.3688

 31.5405, 0.3229,
0.4013


211.7612, 0.3189,
0.3661

 21.0108, 0.3238,
0.4126

257.3359, 0.3185,
0.3636

 13.1319, 0.3247,
0.4280

309.0209, 0.3182,
0.3615

 7.5194, 0.3254,
0.4502

367.2007, 0.3179,

 3.7890, 0.3251,

0.3596

0.4846

432.2596, 0.3177,
0.3580

■ 1.5563, 0.3418,
0.5803

■ 0.3278, 0.0000,
1.0000

■ 82.8787, 0.3207,
0.3804

■ 82.8787, 0.3207,
0.3804

■ 79.5668, 0.3244,
0.4106

■ 86.6170, 0.3166,
0.3525

■ 76.6550, 0.3274,
0.4424

■ 90.7858, 0.3124,
0.3273

■ 74.1303, 0.3295,
0.4747

■ 93.1825, 0.3132,
0.3185

■ 71.9747, 0.3302,
0.5059

■ 70.1687, 0.3293,
0.5343

■ 68.6908, 0.3266,
0.5579

■ 67.5163, 0.3224,
0.5751

■ 66.6113, 0.3172,
0.5860

■ 66.5536, 0.3168,
0.5866

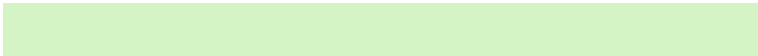
Harmonies

Analogous

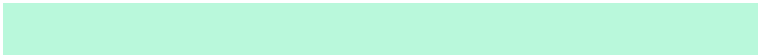
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8787, 0.3498, 0.3832



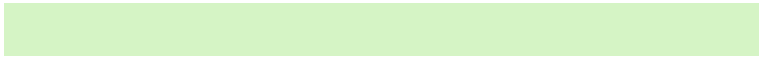
82.8787, 0.3207, 0.3804



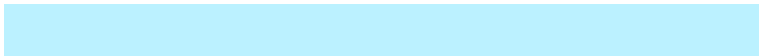
82.8787, 0.2904, 0.3616

Triad

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



82.8787, 0.3207, 0.3804



82.8787, 0.2584, 0.2855



82.8787, 0.3603, 0.3225

Complementary

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



82.8787, 0.3207, 0.3804



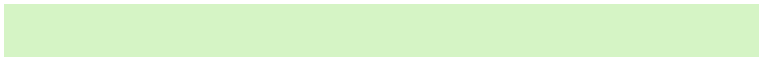
62.9398, 0.3030, 0.2793

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.



82.8787, 0.3337, 0.2994



82.8787, 0.3207, 0.3804



82.8787, 0.2751, 0.2782

Square

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



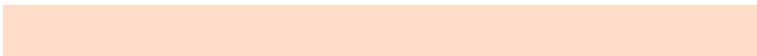
82.8787, 0.3207, 0.3804



82.8787, 0.2555, 0.3050



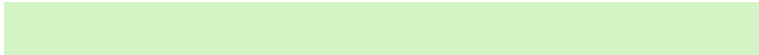
82.8787, 0.3023, 0.2835



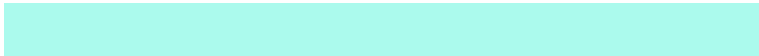
82.8787, 0.3736, 0.3482

Rectangle

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



82.8787, 0.3207, 0.3804



82.8787, 0.2736, 0.3430



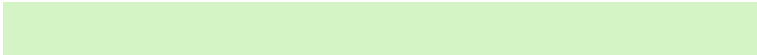
82.8787, 0.3023, 0.2835



82.8787, 0.3525, 0.3143

Sweetspot

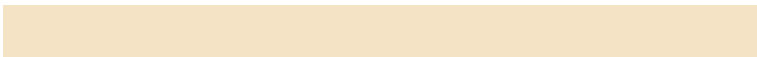
The Sweet Spot groups the original color and five complimentary colors.



82.8823, 0.3207, 0.3804



97.1918, 0.3153, 0.3440



78.4991, 0.3448, 0.3609



20.7399, 0.3155, 0.3457



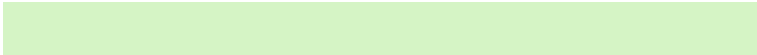
0.0000, 0.0000, 0.0000



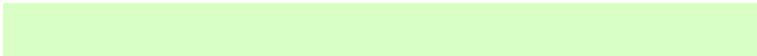
21.4041, 0.3127, 0.3290

Same Dimension

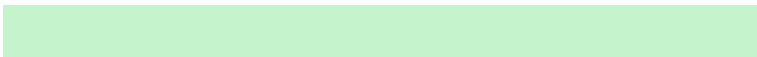
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.8823, 0.3207, 0.3804



90.1760, 0.3222, 0.3916



80.9306, 0.3061, 0.3739



18.7468, 0.3167, 0.3531



36.2551, 0.3179, 0.5858



3.2409, 0.3274, 0.5783

Inverse Universe

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



62.9398, 0.3030, 0.2793



64.5177, 0.3006, 0.2689



65.2663, 0.3201, 0.2879



16.4687, 0.3083, 0.3053



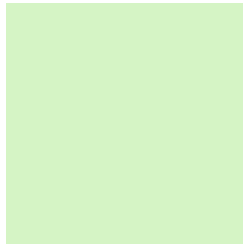
7.7350, 0.2365, 0.1076



0.7364, 0.2471, 0.1135

Previews

White Background



This preview shows how the Yxy color 82.8787, 0.3207, 0.3804 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 82.8787, 0.3207, 0.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

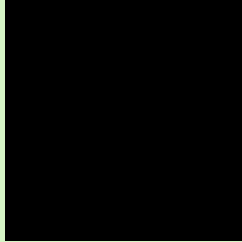
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

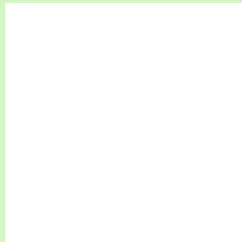
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.8787, 0.3207, 0.3804

Background



This preview shows how black text looks on a background with the Yxy color 82.8787, 0.3207, 0.3804.

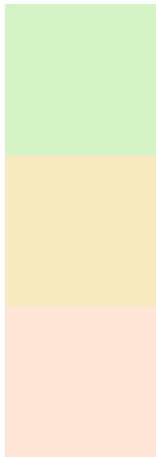


This preview shows how white text looks on a background with the Yxy color 82.8787, 0.3207, 0.3804.

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

82.8787, 0.3207, 0.3804

Protanopia

82.6079, 0.3498, 0.3721

Deuteranopia

82.2565, 0.3396, 0.3421



Tritanopia

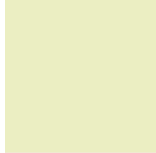
82.7405, 0.2924, 0.3095

Trichromacy



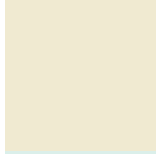
Original Color

82.8787, 0.3207, 0.3804



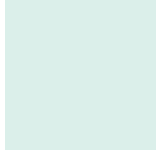
Protanomaly

82.7063, 0.3384, 0.3753



Deuteranomaly

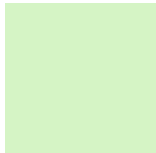
81.9744, 0.3329, 0.3550



Tritanomaly

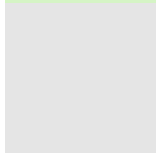
82.7336, 0.3027, 0.3342

Monochromacy



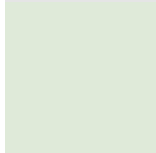
Original Color

82.8787, 0.3207, 0.3804



Achromatopsia

78.3538, 0.3127, 0.3290



Achromatomaly

79.5434, 0.3159, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.8787, 0.3207, 0.3804 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(213, 244, 197)` looks like.

```
.text, #text, p{  
    color:rgb(213, 244, 197)  
}
```

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(213, 244, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 244, 197) }
```

Border

The CSS property to change the border of an element to Yxy 82.8787, 0.3207, 0.3804 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(213, 244, 197) }
```

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

```
.border{ border-color:rgb(213, 244, 197) }
```

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

Here you see how a box with a 4 pixel rgb(213, 244, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 244, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 244, 197);  
box-shadow:4px 4px 4px 4px rgb(213, 244,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 82.8787, 0.3207, 0.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 244, 197) }
```

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

```
.background{ background-color: rgb(213,  
244, 197) }
```

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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