

Converting Colors

$Yxy(88.1875, 0.3223, 0.3788)$

Have a look what the booklet for
Yxy(88.1875, 0.3223, 0.3788)
contains.

Yxy(88.2126, 0.3225, 0.3788)	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(88.2126, 0.3225, 0.3788)

Conversions

Conversions Part 1

Format	Color
Hex	DEFACB
RGB	222, 250, 203
RGB Percent	87%, 98%, 80%
CMY	0.1292, 0.0196, 0.2040
CMYK	0.11, 0.00, 0.19, 0.02
HSL	96°, 82%, 89%
HSV	96°, 19%, 98%
XYZ	75.1018, 88.2126, 69.5594
YIQ	236.2700, -1.6010, -20.5530

Conversions

Conversions Part 2

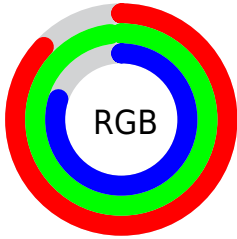
Format	Color
R _Y B	203, 250, 231
Decimal	14613195
CIE Lab	95.25, -17.28, 19.56
CIE LCh	95, 26.100, 131.460
Yxy	88.2126, 0.3225, 0.3788
Android (android.graphics.Color)	4292803275 (0xFFDEFACB)
YUV	236.2700, -16.4021, -12.5148
Hunter-Lab	93.9216, -21.6301, 21.8342

Details

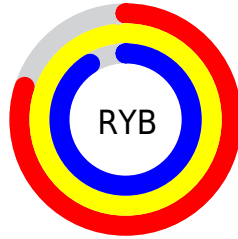
The Yxy color **88.2126, 0.3225, 0.3788** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.5828, 0.3010, 0.2802**, and the grayscale version is **84.2363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.5253, 0.3244, 0.3894** is the 20% darker color. If you saturate the color by 10%, you get **84.8750, 0.3273, 0.4085**, and if you desaturate by 10%, it is **91.9567, 0.3174, 0.3513**.

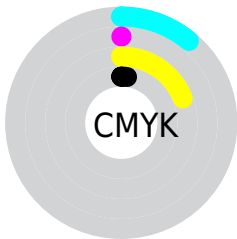
Distribution



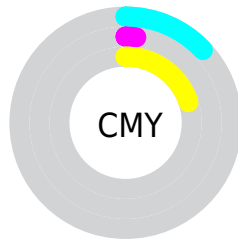
- Red (87%)
- Green (98%)
- Blue (80%)



- Red (80%)
- Yellow (98%)
- Blue (91%)



- Cyan (11%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)





- Cyan (13%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.2126, 0.3225, 0.3788 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 88.2126, 0.3225, 0.3788 by changing the saturation by 10% instead.

 88.2126, 0.3225,
0.3788

 88.2126, 0.3225,
0.3788


522.1992, 0.3185,
0.3559

 66.4992, 0.3233,
0.3840


144.8531, 0.3212,
0.3709

 48.6777, 0.3242,
0.3904


180.5490, 0.3207,
0.3678

 34.3639, 0.3253,
0.3984


221.6744, 0.3202,
0.3651

 23.1733, 0.3266,
0.4088

268.6138, 0.3198,
0.3628

 14.7215, 0.3281,
0.4229

321.7516, 0.3194,
0.3608

 8.6242, 0.3296,
0.4428

381.4722, 0.3191,

 4.4969, 0.3308,

0.3590

0.4730

448.1599, 0.3187,
0.3574

■ 1.9552, 0.3366,
0.5347

■ 0.5813, 0.1835,
0.8165

■ 88.2126, 0.3225,
0.3788

■ 88.2126, 0.3225,
0.3788

■ 84.8750, 0.3273,
0.4085

■ 91.9567, 0.3174,
0.3513

■ 81.9180, 0.3314,
0.4396

■ 96.1094, 0.3121,
0.3261

■ 79.3299, 0.3344,
0.4710

■ 96.8458, 0.3129,
0.3242

■ 77.0940, 0.3360,
0.5014

■ 75.1921, 0.3358,
0.5290

■ 73.6041, 0.3337,
0.5521

■ 72.3069, 0.3296,
0.5692

■ 71.2694, 0.3242,
0.5802

■ 71.1584, 0.3235,
0.5813

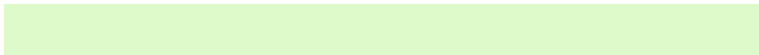
Harmonies

Analogous

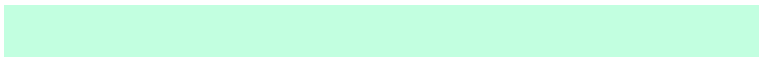
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2126, 0.3500, 0.3804



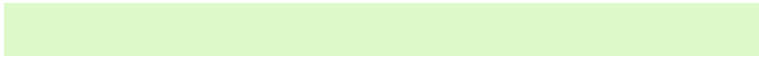
88.2126, 0.3225, 0.3788



88.2126, 0.2933, 0.3618

Triad

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



88.2126, 0.3225, 0.3788



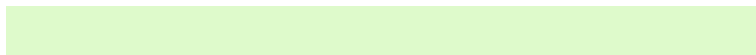
88.2126, 0.2600, 0.2883



88.2126, 0.3568, 0.3212

Complementary

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



88.2126, 0.3225, 0.3788



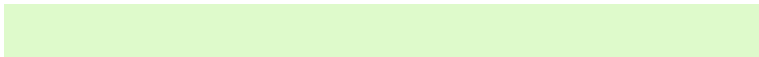
66.5828, 0.3010, 0.2802

Split Complementary

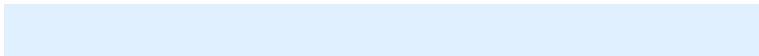
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.2126, 0.3308, 0.2992



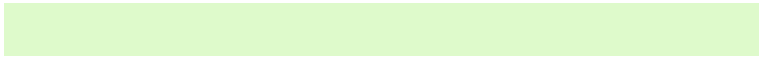
88.2126, 0.3225, 0.3788



88.2126, 0.2752, 0.2804

Square

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



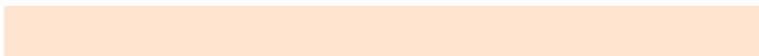
88.2126, 0.3225, 0.3788



88.2126, 0.2582, 0.3078



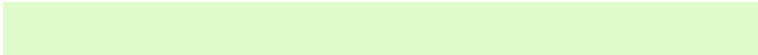
88.2126, 0.3008, 0.2846



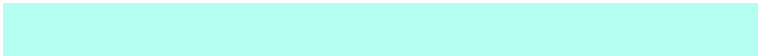
88.2126, 0.3706, 0.3458

Rectangle

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



88.2126, 0.3225, 0.3788



88.2126, 0.2767, 0.3444



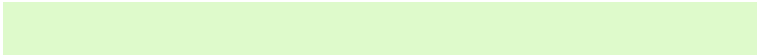
88.2126, 0.3008, 0.2846



88.2126, 0.3491, 0.3133

Sweetspot

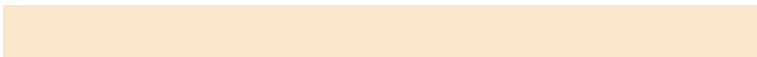
The Sweet Spot groups the original color and five complimentary colors.



88.2164, 0.3225, 0.3788



97.3698, 0.3159, 0.3440



81.4537, 0.3446, 0.3570



20.7819, 0.3162, 0.3457



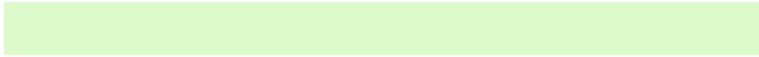
0.0000, 0.0000, 0.0000



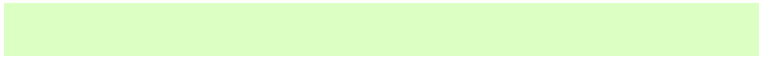
21.4041, 0.3127, 0.3290

Same Dimension

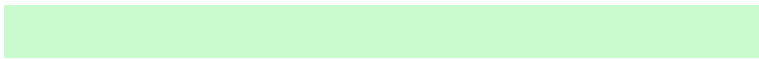
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2164, 0.3225, 0.3788



90.7606, 0.3246, 0.3911



85.5609, 0.3081, 0.3762



19.6530, 0.3177, 0.3531



37.8264, 0.3247, 0.5804



3.5635, 0.3339, 0.5731

Inverse Universe

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



66.5828, 0.3010, 0.2802



63.8801, 0.2979, 0.2684



69.6869, 0.3177, 0.2859



17.1529, 0.3073, 0.3052



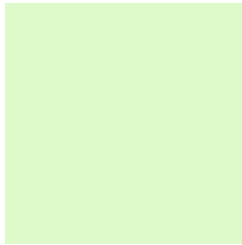
7.1140, 0.2218, 0.0995



0.7207, 0.2333, 0.1059

Previews

White Background



This preview shows how the Yxy color 88.2126, 0.3225, 0.3788 looks on a white background.

Color Contrast Check

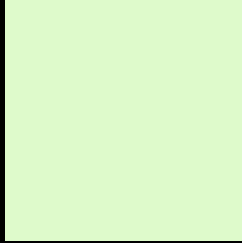
Large Text (above 18pt) WCAG AA × Fail

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 88.2126, 0.3225, 0.3788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

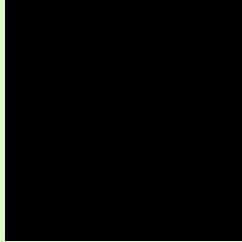
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

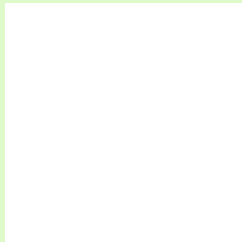
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.2126, 0.3225, 0.3788

Background



This preview shows how black text looks on a background with the Yxy color 88.2126, 0.3225, 0.3788.

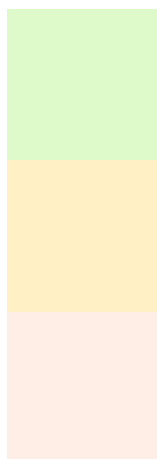


This preview shows how white text looks on a background with the Yxy color 88.2126, 0.3225, 0.3788.

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

88.2126, 0.3225, 0.3788

Protanopia

87.6574, 0.3496, 0.3710

Deuteranopia

88.0662, 0.3298, 0.3379



Tritanopia

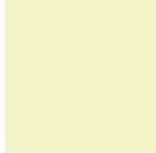
88.2167, 0.2999, 0.3160

Trichromacy



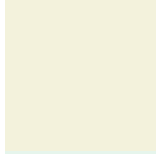
Original Color

88.2126, 0.3225, 0.3788



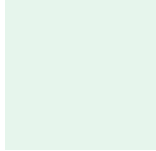
Protanomaly

87.9262, 0.3392, 0.3740



Deuteranomaly

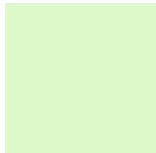
87.7263, 0.3269, 0.3513



Tritanomaly

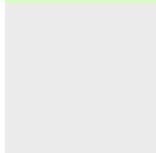
88.1839, 0.3084, 0.3382

Monochromacy



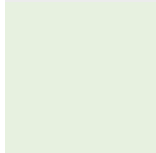
Original Color

88.2126, 0.3225, 0.3788



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.2813, 0.3165, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2126, 0.3225, 0.3788 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(222, 250, 203)` looks like.

```
.text, #text, p{  
    color:rgb(222, 250, 203)  
}
```

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(222, 250, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 250, 203) }
```

Border

The CSS property to change the border of an element to Yxy 88.2126, 0.3225, 0.3788 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(222, 250, 203) }
```

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

```
.border{ border-color:rgb(222, 250, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 250, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 250, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 250, 203);  
box-shadow:4px 4px 4px 4px rgb(222, 250,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2126, 0.3225, 0.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 250, 203) }
```

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

```
.background{ background-color: rgb(222,  
250, 203) }
```

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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