

Converting Colors

Yxy(88.9990, 0.3143, 0.3640)

Have a look what the booklet for
Yxy(88.9990, 0.3143, 0.3640)
contains.

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Color

Yxy(88.9106, 0.3142, 0.3636)

Conversions

Conversions Part 1

Format	Color
Hex	DEFAD9
RGB	222, 250, 217
RGB Percent	87%, 98%, 85%
CMY	0.1295, 0.0196, 0.1488
CMYK	0.11, 0.00, 0.13, 0.02
HSL	111°, 77%, 92%
HSV	111°, 13%, 98%
XYZ	76.8309, 88.9106, 78.7871
YIQ	237.8660, -6.0950, -16.1990

Conversions

Conversions Part 2

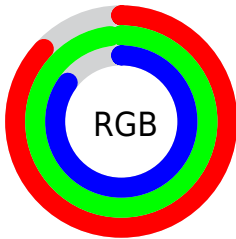
Format	Color
R _Y B	217, 250, 245
Decimal	14613209
CIE Lab	95.54, -15.02, 12.76
CIE LCh	96, 19.711, 139.650
Yxy	88.9106, 0.3142, 0.3636
Android (android.graphics.Color)	4292803289 (0xFFDEFAD9)
YUV	237.8660, -10.2869, -13.9145
Hunter-Lab	94.2924, -19.5672, 16.4642

Details

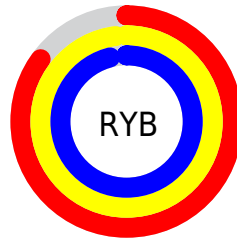
The Yxy color **88.9106, 0.3142, 0.3636** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.9803, 0.3108, 0.2960**, and the grayscale version is **85.4760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9641, 0.3148, 0.3711** is the 20% darker color. If you saturate the color by 10%, you get **84.5614, 0.3151, 0.3934**, and if you desaturate by 10%, it is **93.8881, 0.3131, 0.3369**.

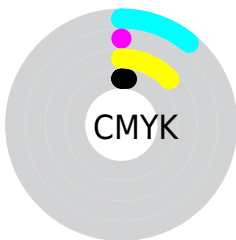
Distribution



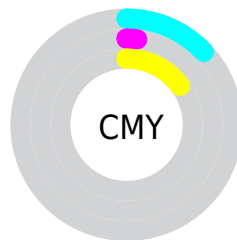
- Red (87%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (98%)
- Blue (96%)



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)





- Cyan (13%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.9106, 0.3142, 0.3636 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 88.9106, 0.3142, 0.3636 by changing the saturation by 10% instead.

 88.9106, 0.3142,
0.3636

 88.9106, 0.3142,
0.3636

524.4807, 0.3137,
0.3478

 67.0775, 0.3143,
0.3672

145.8242, 0.3141,
0.3582

 49.1476, 0.3143,
0.3715


181.6735, 0.3140,
0.3560

 34.7366, 0.3144,
0.3771


222.9637, 0.3140,
0.3542

 23.4600, 0.3144,
0.3842

270.0790, 0.3139,
0.3526

 14.9335, 0.3142,
0.3938

323.4040, 0.3138,
0.3512

 8.7728, 0.3139,
0.4074

383.3230, 0.3138,

 4.5933, 0.3129,

0.3499

0.4282

450.2204, 0.3138,
0.3488

■ 2.0107, 0.3101,
0.4636

■ 0.6136, 0.2608,
0.7392

■ 88.9106, 0.3142,
0.3636

■ 88.9106, 0.3142,
0.3636

■ 84.5614, 0.3151,
0.3934

■ 93.8881, 0.3131,
0.3369

■ 80.8046, 0.3156,
0.4260

■ 96.8579, 0.3129,
0.3243

■ 77.6177, 0.3156,
0.4603

■ 74.9726, 0.3149,
0.4950

■ 72.8387, 0.3135,
0.5277

■ 71.1822, 0.3114,
0.5561

■ 69.9653, 0.3086,
0.5780

■ 69.1438, 0.3055,
0.5918

■ 68.7773, 0.3036,
0.5972

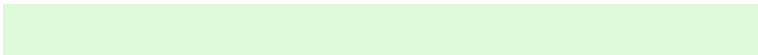
Harmonies

Analogous

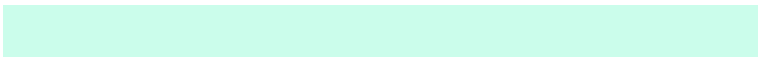
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9106, 0.3358, 0.3684



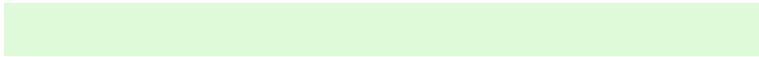
88.9106, 0.3142, 0.3636



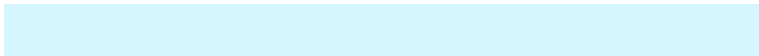
88.9106, 0.2927, 0.3485

Triad

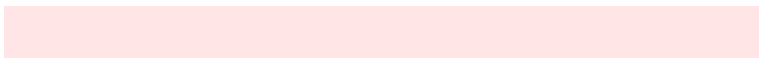
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9106, 0.3142, 0.3636



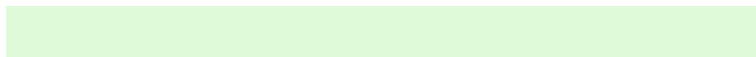
88.9106, 0.2749, 0.2957



88.9106, 0.3497, 0.3284

Complementary

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



88.9106, 0.3142, 0.3636



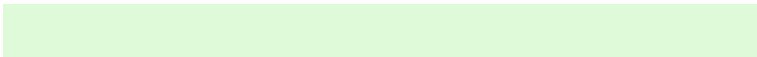
75.9803, 0.3108, 0.2960

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.



88.9106, 0.3323, 0.3105



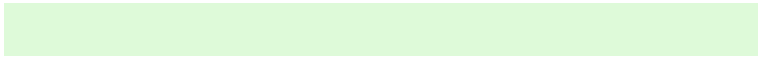
88.9106, 0.3142, 0.3636



88.9106, 0.2891, 0.2919

Square

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



88.9106, 0.3142, 0.3636



88.9106, 0.2705, 0.3085



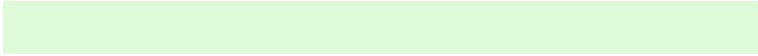
88.9106, 0.3100, 0.2974



88.9106, 0.3568, 0.3471

Rectangle

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



88.9106, 0.3142, 0.3636



88.9106, 0.2813, 0.3349



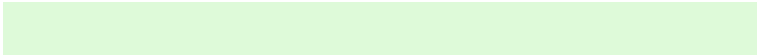
88.9106, 0.3100, 0.2974



88.9106, 0.3448, 0.3222

Sweetspot

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



88.9144, 0.3142, 0.3636



97.7516, 0.3132, 0.3389



90.6828, 0.3331, 0.3570



20.8350, 0.3133, 0.3408



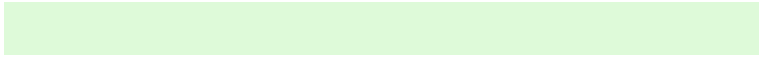
0.0000, 0.0000, 0.0000



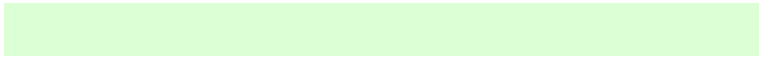
21.4041, 0.3127, 0.3290

Same Dimension

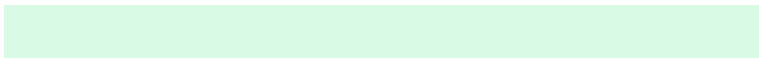
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9144, 0.3142, 0.3636



91.6464, 0.3145, 0.3717



88.7704, 0.3045, 0.3515



19.4335, 0.3138, 0.3534



36.5156, 0.3042, 0.5967



3.4178, 0.3105, 0.5916

Inverse Universe

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



75.9803, 0.3108, 0.2960



75.5374, 0.3103, 0.2887



76.1758, 0.3220, 0.3076



17.3856, 0.3114, 0.3055



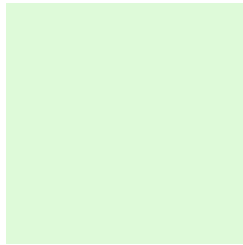
11.1891, 0.2834, 0.1335



1.0708, 0.2881, 0.1361

Previews

White Background



This preview shows how the Yxy color 88.9106, 0.3142, 0.3636 looks on a white background.

Color Contrast Check

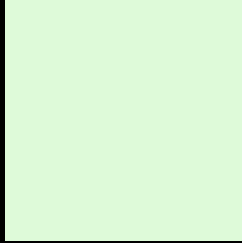
Large Text (above 18pt) WCAG AA × Fail

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 88.9106, 0.3142, 0.3636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

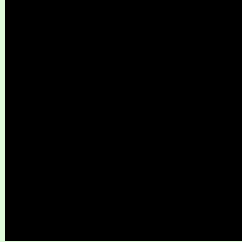
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

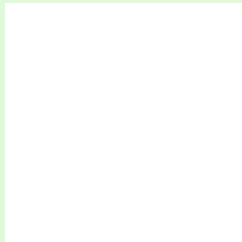
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.9106, 0.3142, 0.3636

Background



This preview shows how black text looks on a background with the Yxy color 88.9106, 0.3142, 0.3636.

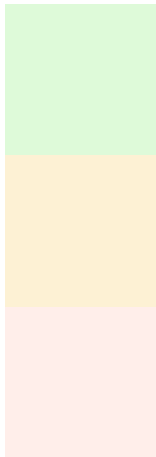


This preview shows how white text looks on a background with the Yxy color 88.9106, 0.3142, 0.3636.

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

88.9106, 0.3142, 0.3636

Protanopia

88.5467, 0.3390, 0.3580

Deuteranopia

88.3496, 0.3266, 0.3330



Tritanopia

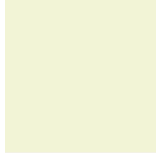
88.8136, 0.2999, 0.3170

Trichromacy



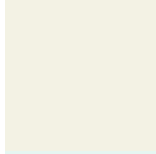
Original Color

88.9106, 0.3142, 0.3636



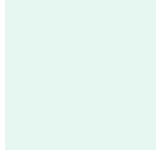
Protanomaly

88.4337, 0.3298, 0.3596



Deuteranomaly

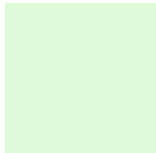
88.1604, 0.3219, 0.3431



Tritanomaly

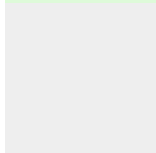
89.0854, 0.3055, 0.3341

Monochromacy



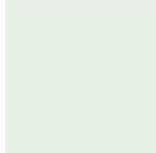
Original Color

88.9106, 0.3142, 0.3636



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

86.3732, 0.3134, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9106, 0.3142, 0.3636 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(222, 250, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 250, 217) }
```

Border

The CSS property to change the border of an element to Yxy 88.9106, 0.3142, 0.3636 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, 217) }
```

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

```
.border{ border-color:rgb(222, 250, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 250, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 250, 217);  
box-shadow:4px 4px 4px 4px rgb(222, 250,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9106, 0.3142, 0.3636 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, 217) }
```

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

```
.background{ background-color: rgb(222,  
250, 217) }
```

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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