

Converting Colors

$Y_{xy}(132.0475, 0.3149, 0.4203)$

Have a look what the booklet for
Yxy(132.0475, 0.3149, 0.4203)
contains.

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Color

Yxy(92.4928, 0.3188, 0.3726)

Conversions

Conversions Part 1

Format	Color
Hex	E2FFD5
RGB	226, 255, 213
RGB Percent	89%, 100%, 84%
CMY	0.1136, 0.0000, 0.1649
CMYK	0.11, 0.00, 0.16, 0.00
HSL	101°, 100%, 92%
HSV	101°, 16%, 100%
XYZ	79.1377, 92.4928, 76.6057
YIQ	241.5410, -3.8020, -19.2100

Conversions

Conversions Part 2

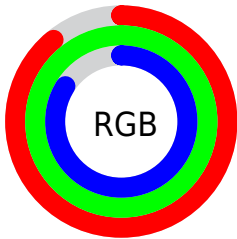
Format	Color
R _Y B	213, 255, 242
Decimal	14876629
CIE Lab	97.02, -16.78, 16.98
CIE LCh	97, 23.873, 134.652
Yxy	92.4928, 0.3188, 0.3726
Android (android.graphics.Color)	4293066709 (0xFFE2FFD5)
YUV	241.5410, -14.0707, -13.6295
Hunter-Lab	96.1732, -21.4214, 20.0944

Details

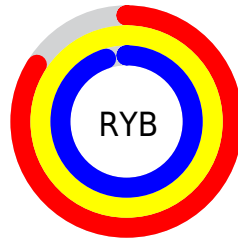
The Yxy color **92.4928, 0.3188, 0.3726** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.6536, 0.3054, 0.2868**, and the grayscale version is **88.5311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.4028, 0.3196, 0.3826** is the 20% darker color. If you saturate the color by 10%, you get **88.6048, 0.3221, 0.4024**, and if you desaturate by 10%, it is **96.8826, 0.3152, 0.3453**.

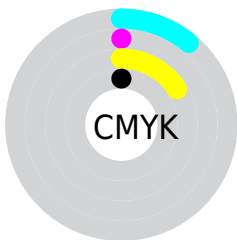
Distribution



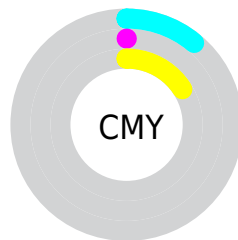
- Red (89%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (95%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.4928, 0.3188, 0.3726 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 92.4928, 0.3188, 0.3726 by changing the saturation by 10% instead.

 92.4928, 0.3188,
0.3726

 92.4928, 0.3188,
0.3726

536.1069, 0.3164,
0.3528

 70.0500, 0.3193,
0.3770

150.7962, 0.3180,
0.3658

 51.5673, 0.3198,
0.3825

187.4256, 0.3177,
0.3631

 36.6603, 0.3204,
0.3893


229.5527, 0.3174,
0.3608

 24.9446, 0.3211,
0.3982

277.5619, 0.3172,
0.3588

 16.0358, 0.3219,
0.4100

331.8375, 0.3169,
0.3570

 9.5495, 0.3226,
0.4266

392.7639, 0.3167,

 5.1013, 0.3230,

0.3554

0.4516

460.7256, 0.3165,
0.3540

■ 2.3068, 0.3218,
0.4933

■ 0.7773, 0.2975,
0.7025

■ 92.4928, 0.3188,
0.3726

■ 92.4928, 0.3188,
0.3726

■ 88.6048, 0.3221,
0.4024

■ 96.8826, 0.3152,
0.3453

■ 85.1897, 0.3249,
0.4343

100.0000, 0.3127,
0.3290

■ 82.2317, 0.3268,
0.4670

■ 79.7100, 0.3275,
0.4993

■ 77.6020, 0.3268,
0.5291

■ 75.8827, 0.3244,
0.5544

■ 74.5241, 0.3206,
0.5736

■ 73.4930, 0.3157,
0.5858

■ 73.1949, 0.3139,
0.5890

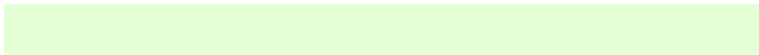
Harmonies

Analogous

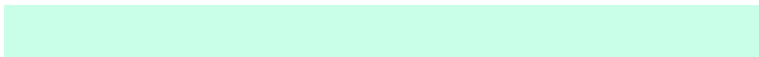
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4928, 0.3440, 0.3758



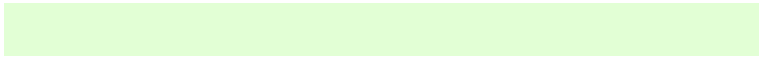
92.4928, 0.3188, 0.3726



92.4928, 0.2927, 0.3561

Triad

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



92.4928, 0.3188, 0.3726



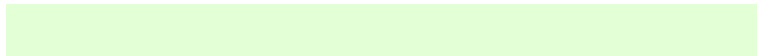
92.4928, 0.2660, 0.2910



92.4928, 0.3543, 0.3244

Complementary

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



92.4928, 0.3188, 0.3726



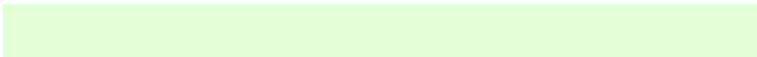
73.6536, 0.3054, 0.2868

Split Complementary

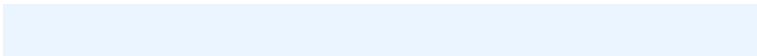
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.4928, 0.3318, 0.3040



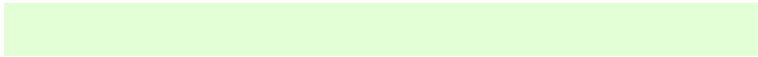
92.4928, 0.3188, 0.3726



92.4928, 0.2810, 0.2849

Square

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



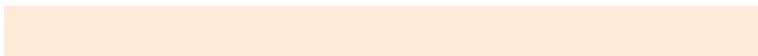
92.4928, 0.3188, 0.3726



92.4928, 0.2630, 0.3077



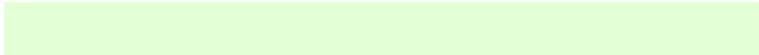
92.4928, 0.3049, 0.2898



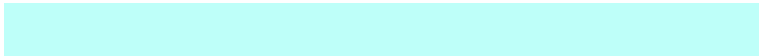
92.4928, 0.3652, 0.3467

Rectangle

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



92.4928, 0.3188, 0.3726



92.4928, 0.2782, 0.3402



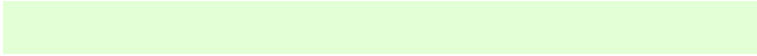
92.4928, 0.3049, 0.2898



92.4928, 0.3478, 0.3171

Sweetspot

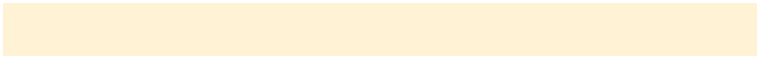
The Sweet Spot groups the original color and five complimentary colors.



92.4963, 0.3188, 0.3726



97.5775, 0.3146, 0.3414



89.3807, 0.3396, 0.3575



20.8149, 0.3149, 0.3432



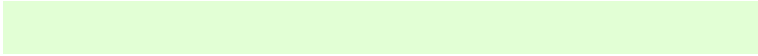
0.0000, 0.0000, 0.0000



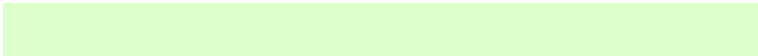
21.4041, 0.3127, 0.3290

Same Dimension

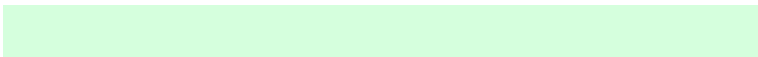
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4963, 0.3188, 0.3726



91.0733, 0.3200, 0.3828



90.8632, 0.3063, 0.3653



20.4421, 0.3163, 0.3532



38.3150, 0.3149, 0.5881



3.7855, 0.3233, 0.5815

Inverse Universe

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



73.6536, 0.3054, 0.2868



68.7810, 0.3036, 0.2774



75.5626, 0.3199, 0.2953



18.0004, 0.3088, 0.3052



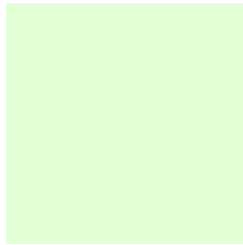
8.6604, 0.2435, 0.1115



0.9012, 0.2525, 0.1164

Previews

White Background



This preview shows how the Yxy color 92.4928, 0.3188, 0.3726 looks on a white background.

Color Contrast Check

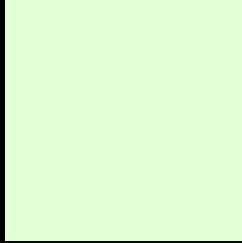
Large Text (above 18pt) WCAG AA × Fail

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 92.4928, 0.3188, 0.3726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

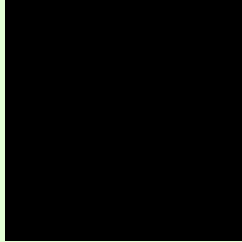
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

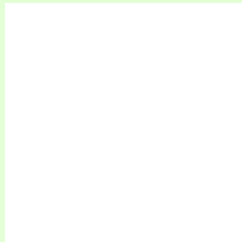
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.4928, 0.3188, 0.3726

Background



This preview shows how black text looks on a background with the Yxy color 92.4928, 0.3188, 0.3726.

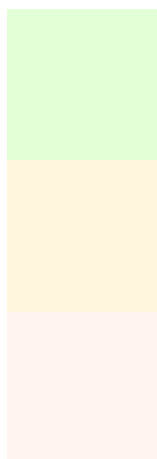


This preview shows how white text looks on a background with the Yxy color 92.4928, 0.3188, 0.3726.

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

92.4928, 0.3188, 0.3726

Protanopia

92.3920, 0.3339, 0.3536

Deuteranopia

92.1934, 0.3229, 0.3339



Tritanopia

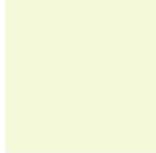
92.4423, 0.3043, 0.3211

Trichromacy



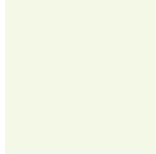
Original Color

92.4928, 0.3188, 0.3726



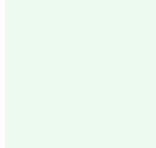
Protanomaly

92.0464, 0.3281, 0.3602



Deuteranomaly

92.0811, 0.3209, 0.3470



Tritanomaly

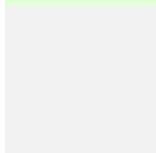
92.4954, 0.3097, 0.3390

Monochromacy



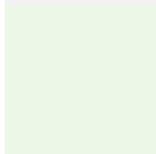
Original Color

92.4928, 0.3188, 0.3726



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.1239, 0.3152, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4928, 0.3188, 0.3726 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(226, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 213)  
}
```

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(226, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 213) }
```

Border

The CSS property to change the border of an element to Yxy 92.4928, 0.3188, 0.3726 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(226, 255, 213) }
```

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

```
.border{ border-color:rgb(226, 255, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 255, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4928, 0.3188, 0.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 213) }
```

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

```
.background{ background-color: rgb(226,  
255, 213) }
```

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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