

Converting Colors

$Y_{xy}(91.2952, 0.3150, 0.3746)$

Have a look what the booklet for
Yxy(91.2952, 0.3150, 0.3746)
contains.

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Color

Yxy(91.3335, 0.3149, 0.3742)

Conversions

Conversions Part 1

Format	Color
Hex	DBFFD4
RGB	219, 255, 212
RGB Percent	86%, 100%, 83%
CMY	0.1412, 0.0000, 0.1685
CMYK	0.14, 0.00, 0.17, 0.00
HSL	110°, 100%, 92%
HSV	110°, 17%, 100%
XYZ	76.8598, 91.3335, 75.8834
YIQ	239.3340, -7.6530, -21.0050

Conversions

Conversions Part 2

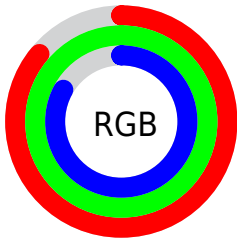
Format	Color
R _Y B	212, 255, 248
Decimal	14417876
CIE Lab	96.55, -19.29, 16.73
CIE LCh	97, 25.533, 139.074
Yxy	91.3335, 0.3149, 0.3742
Android (android.graphics.Color)	4292607956 (0xFFDBFFD4)
YUV	239.3340, -13.4757, -17.8329
Hunter-Lab	95.5686, -23.6887, 19.8205

Details

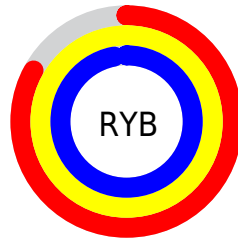
The Yxy color **91.3335, 0.3149, 0.3742** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.2831, 0.3097, 0.2865**, and the grayscale version is **86.7039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.7150, 0.3156, 0.3848** is the 20% darker color. If you saturate the color by 10%, you get **87.0444, 0.3158, 0.4051**, and if you desaturate by 10%, it is **96.2544, 0.3137, 0.3463**.

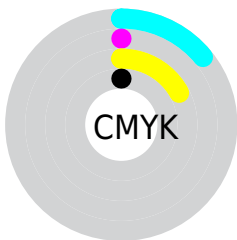
Distribution



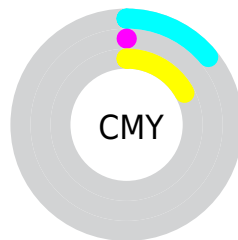
- Red (86%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (97%)



- Cyan (14%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.3335, 0.3149, 0.3742 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 91.3335, 0.3149, 0.3742 by changing the saturation by 10% instead.

 91.3335, 0.3149,
0.3742

 91.3335, 0.3149,
0.3742


532.3592, 0.3142,
0.3535

 69.0872, 0.3150,
0.3789


149.1893, 0.3147,
0.3671

 50.7827, 0.3150,
0.3846

185.5676, 0.3146,
0.3643

 36.0357, 0.3150,
0.3918


227.4253, 0.3146,
0.3619

 24.4618, 0.3150,
0.4011

275.1468, 0.3145,
0.3598

 15.6765, 0.3147,
0.4137

329.1166, 0.3144,
0.3579

 9.2955, 0.3139,
0.4314

389.7190, 0.3144,

 4.9345, 0.3121,

0.3563

0.4583

457.3384, 0.3143,
0.3548

■ 2.2089, 0.3075,
0.5042

■ 0.7248, 0.2312,
0.7688

■ 91.3335, 0.3149,
0.3742

■ 91.3335, 0.3149,
0.3742

■ 87.0444, 0.3158,
0.4051

■ 96.2544, 0.3137,
0.3463

■ 83.3565, 0.3164,
0.4383

100.0000, 0.3127,
0.3290

■ 80.2442, 0.3163,
0.4729

■ 77.6779, 0.3155,
0.5070

■ 75.6255, 0.3138,
0.5383

■ 74.0513, 0.3114,
0.5645

■ 72.9150, 0.3083,
0.5835

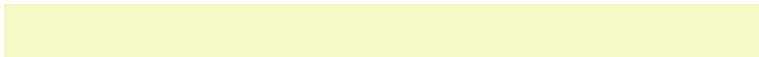
■ 72.1684, 0.3050,
0.5944

■ 71.9991, 0.3041,
0.5968

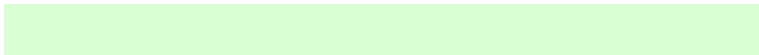
Harmonies

Analogous

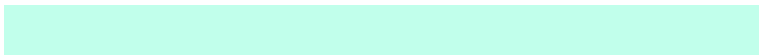
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3335, 0.3426, 0.3798



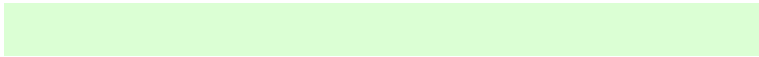
91.3335, 0.3149, 0.3742



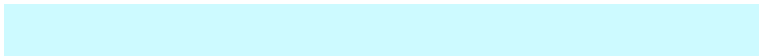
91.3335, 0.2874, 0.3546

Triad

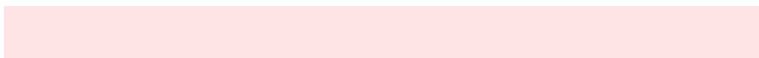
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.3335, 0.3149, 0.3742



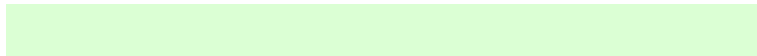
91.3335, 0.2643, 0.2865



91.3335, 0.3600, 0.3275

Complementary

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



91.3335, 0.3149, 0.3742



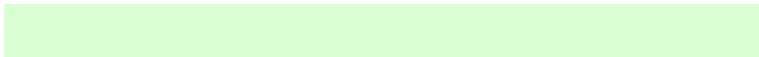
74.2831, 0.3097, 0.2865

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.



91.3335, 0.3373, 0.3051



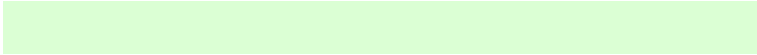
91.3335, 0.3149, 0.3742



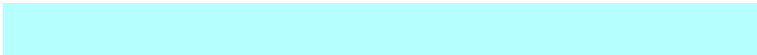
91.3335, 0.2819, 0.2818

Square

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



91.3335, 0.3149, 0.3742



91.3335, 0.2591, 0.3028



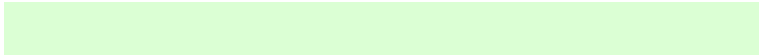
91.3335, 0.3085, 0.2887



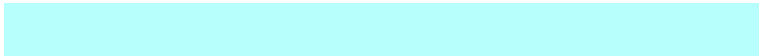
91.3335, 0.3695, 0.3512

Rectangle

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



91.3335, 0.3149, 0.3742



91.3335, 0.2729, 0.3369



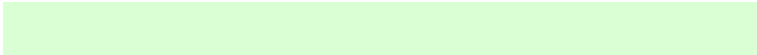
91.3335, 0.3085, 0.2887



91.3335, 0.3536, 0.3196

Sweetspot

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



91.3352, 0.3149, 0.3742



97.2360, 0.3134, 0.3415



93.0503, 0.3393, 0.3643



20.7322, 0.3135, 0.3433



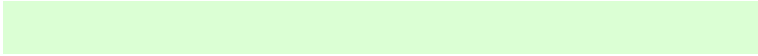
0.0000, 0.0000, 0.0000



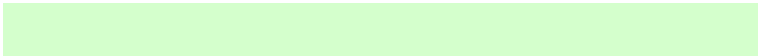
21.4041, 0.3127, 0.3290

Same Dimension

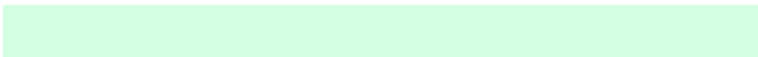
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.3352, 0.3149, 0.3742



89.9175, 0.3152, 0.3836



91.0318, 0.3026, 0.3592



20.3096, 0.3140, 0.3534



37.6625, 0.3048, 0.5962



3.7054, 0.3110, 0.5913

Inverse Universe

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



74.2831, 0.3097, 0.2865



70.1300, 0.3091, 0.2782



74.6931, 0.3245, 0.3006



18.1424, 0.3112, 0.3054



11.2689, 0.2801, 0.1317



1.1353, 0.2850, 0.1344

Previews

White Background



This preview shows how the Yxy color 91.3335, 0.3149, 0.3742 looks on a white background.

Color Contrast Check

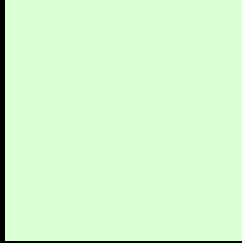
Large Text (above 18pt) WCAG AA × Fail

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 91.3335, 0.3149, 0.3742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

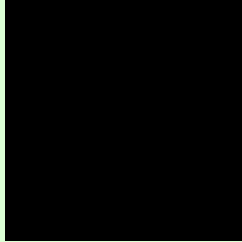
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

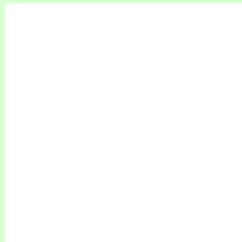
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.3335, 0.3149, 0.3742

Background



This preview shows how black text looks on a background with the Yxy color 91.3335, 0.3149, 0.3742.

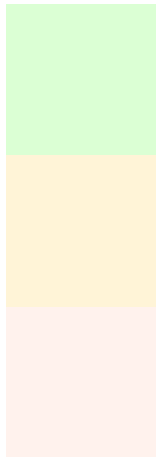


This preview shows how white text looks on a background with the Yxy color 91.3335, 0.3149, 0.3742.

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

91.3335, 0.3149, 0.3742

Protanopia

90.8677, 0.3380, 0.3577

Deuteranopia

90.8787, 0.3244, 0.3339

Tritanopia

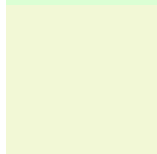
91.1361, 0.3018, 0.3201

Trichromacy



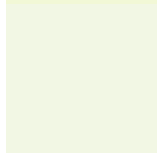
Original Color

91.3335, 0.3149, 0.3742



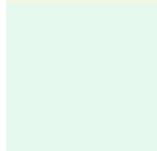
Protanomaly

90.8671, 0.3293, 0.3635



Deuteranomaly

91.0002, 0.3209, 0.3481



Tritanomaly

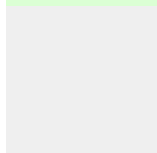
90.8064, 0.3066, 0.3391

Monochromacy



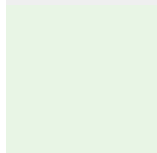
Original Color

91.3335, 0.3149, 0.3742



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.1178, 0.3139, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.3335, 0.3149, 0.3742 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(219, 255, 212)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 212)  
}
```

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(219, 255, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 212) }
```

Border

The CSS property to change the border of an element to Yxy 91.3335, 0.3149, 0.3742 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(219, 255, 212) }
```

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

```
.border{ border-color:rgb(219, 255, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 255, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 91.3335, 0.3149, 0.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 212) }
```

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

```
.background{ background-color: rgb(219,  
255, 212) }
```

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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