

Converting Colors

$Yxy(92.4403, 0.3174, 0.3744)$

Have a look what the booklet for
Yxy(92.4403, 0.3174, 0.3744)
contains.

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Color

Yxy(91.9614, 0.3174, 0.3739)

Conversions

Conversions Part 1

Format	Color
Hex	DFFFD4
RGB	223, 255, 212
RGB Percent	87%, 100%, 83%
CMY	0.1257, 0.0000, 0.1686
CMYK	0.13, 0.00, 0.17, 0.00
HSL	105°, 100%, 92%
HSV	105°, 17%, 100%
XYZ	78.0651, 91.9614, 75.9253
YIQ	240.5300, -5.2690, -20.1570

Conversions

Conversions Part 2

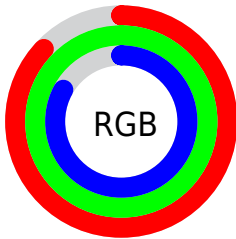
Format	Color
R _{YB}	212, 255, 244
Decimal	14680020
CIE Lab	96.80, -17.98, 17.14
CIE LCh	97, 24.838, 136.371
Yxy	91.9614, 0.3174, 0.3739
Android (android.graphics.Color)	4292870100 (0xFFDFFFD4)
YUV	240.5300, -14.0653, -15.3738
Hunter-Lab	95.8965, -22.5099, 20.1851

Details

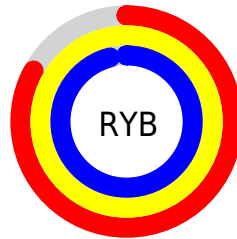
The Yxy color **91.9614, 0.3174, 0.3739** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.5515, 0.3069, 0.2861**, and the grayscale version is **87.6790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.1473, 0.3187, 0.3842** is the 20% darker color. If you saturate the color by 10%, you get **87.9172, 0.3198, 0.4042**, and if you desaturate by 10%, it is **96.5344, 0.3147, 0.3463**.

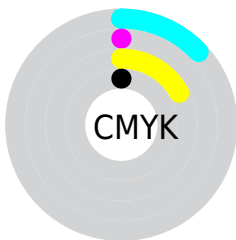
Distribution



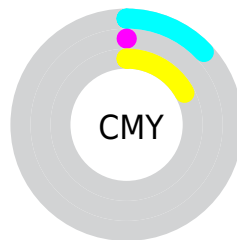
- Red (87%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.9614, 0.3174, 0.3739 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 91.9614, 0.3174, 0.3739 by changing the saturation by 10% instead.


 91.9614, 0.3174,
0.3739

 91.9614, 0.3174,
0.3739

534.3908, 0.3156,
0.3534

 69.6086, 0.3177,
0.3785

150.0599, 0.3169,
0.3669

 51.2075, 0.3181,
0.3842


186.5743, 0.3166,
0.3641

 36.3738, 0.3185,
0.3913


228.5781, 0.3164,
0.3617

 24.7230, 0.3189,
0.4004

276.4556, 0.3162,
0.3596

 15.8708, 0.3192,
0.4128

330.5912, 0.3160,
0.3578

 9.4328, 0.3194,
0.4301

391.3694, 0.3159,

 5.0245, 0.3189,

0.3562

459.1744, 0.3157,
0.3547

0.4563

2.2617, 0.3164,
0.5005

0.7533, 0.2689,
0.7311

91.9614, 0.3174,
0.3739

91.9614, 0.3174,
0.3739

87.9172, 0.3198,
0.4042

96.5344, 0.3147,
0.3463

84.4010, 0.3217,
0.4366

100.0000, 0.3127,
0.3290

81.3842, 0.3228,
0.4701

78.8431, 0.3228,
0.5030

■ 76.7519, 0.3216,
0.5334

■ 75.0824, 0.3190,
0.5591

■ 73.8024, 0.3153,
0.5781

■ 72.8740, 0.3108,
0.5899

■ 72.6421, 0.3094,
0.5925

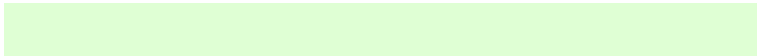
Harmonies

Analogous

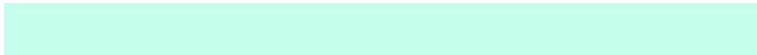
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.9614, 0.3440, 0.3780



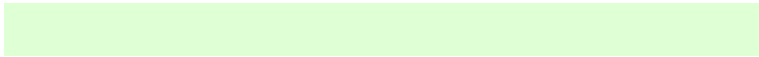
91.9614, 0.3174, 0.3739



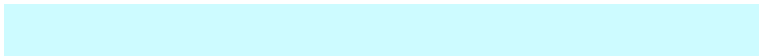
91.9614, 0.2904, 0.3560

Triad

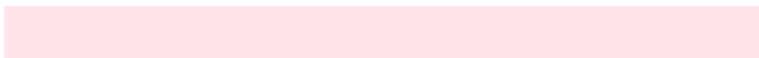
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.9614, 0.3174, 0.3739



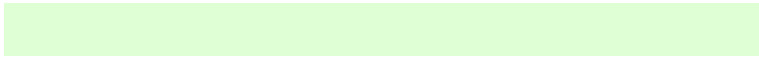
91.9614, 0.2647, 0.2888



91.9614, 0.3571, 0.3255

Complementary

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



91.9614, 0.3174, 0.3739



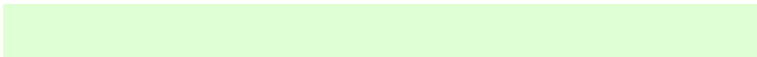
73.5515, 0.3069, 0.2861

Split Complementary

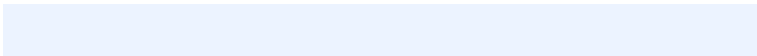
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.9614, 0.3342, 0.3040



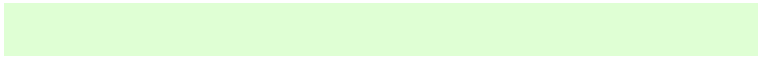
91.9614, 0.3174, 0.3739



91.9614, 0.2809, 0.2831

Square

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



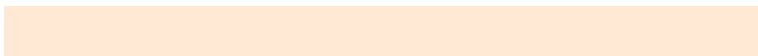
91.9614, 0.3174, 0.3739



91.9614, 0.2608, 0.3055



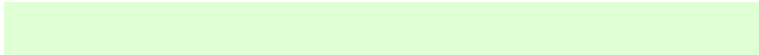
91.9614, 0.3061, 0.2888



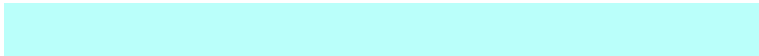
91.9614, 0.3676, 0.3486

Rectangle

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



91.9614, 0.3174, 0.3739



91.9614, 0.2757, 0.3391



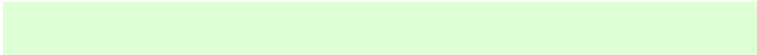
91.9614, 0.3061, 0.2888



91.9614, 0.3505, 0.3179

Sweetspot

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



91.9548, 0.3174, 0.3739



97.4479, 0.3141, 0.3415



90.4355, 0.3400, 0.3603



20.7835, 0.3143, 0.3433



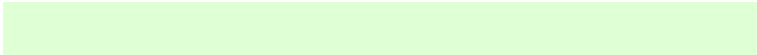
0.0000, 0.0000, 0.0000



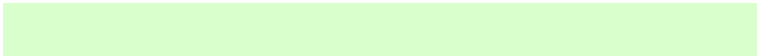
21.4041, 0.3127, 0.3290

Same Dimension

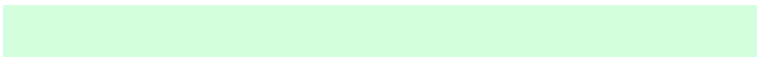
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.9548, 0.3174, 0.3739



90.6298, 0.3182, 0.3831



90.7938, 0.3050, 0.3638



20.3917, 0.3154, 0.3533



38.0166, 0.3104, 0.5918



3.7509, 0.3181, 0.5857

Inverse Universe

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



73.5515, 0.3069, 0.2861



69.2847, 0.3057, 0.2777



74.9402, 0.3215, 0.2965



18.0538, 0.3097, 0.3053



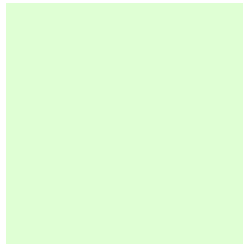
9.5711, 0.2571, 0.1190



0.9839, 0.2646, 0.1231

Previews

White Background



This preview shows how the Yxy color 91.9614, 0.3174, 0.3739 looks on a white background.

Color Contrast Check

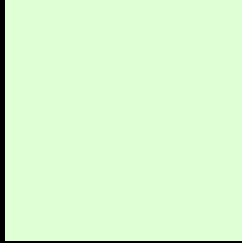
Large Text (above 18pt) WCAG AA × Fail

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 91.9614, 0.3174, 0.3739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

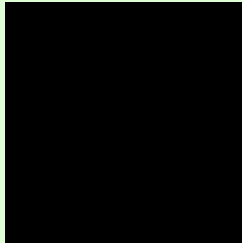
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

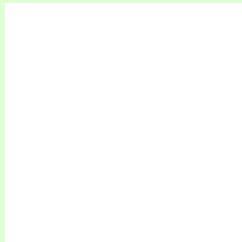
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.9614, 0.3174, 0.3739

Background



This preview shows how black text looks on a background with the Yxy color 91.9614, 0.3174, 0.3739.

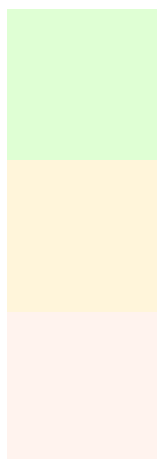


This preview shows how white text looks on a background with the Yxy color 91.9614, 0.3174, 0.3739.

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

91.9614, 0.3174, 0.3739

Protanopia

91.6268, 0.3359, 0.3557

Deuteranopia

91.5342, 0.3236, 0.3339



Tritanopia

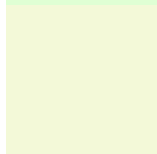
91.6568, 0.3037, 0.3201

Trichromacy



Original Color

91.9614, 0.3174, 0.3739



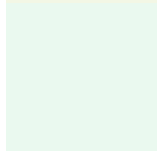
Protanomaly

91.7639, 0.3286, 0.3623



Deuteranomaly

91.2334, 0.3209, 0.3470



Tritanomaly

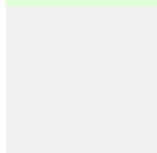
91.4758, 0.3091, 0.3391

Monochromacy



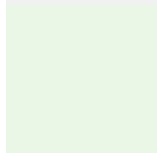
Original Color

91.9614, 0.3174, 0.3739



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.1171, 0.3145, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.9614, 0.3174, 0.3739 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(223, 255, 212)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 255, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 212) }
```

Border

The CSS property to change the border of an element to Yxy 91.9614, 0.3174, 0.3739 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(223, 255, 212) }
```

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

```
.border{ border-color:rgb(223, 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(223, 255, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 91.9614, 0.3174, 0.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 212) }
```

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

```
.background{ background-color: rgb(223,  
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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