

Converting Colors

$Yxy(92.3754, 0.3196, 0.3744)$

Have a look what the booklet for
Yxy(92.3754, 0.3196, 0.3744)
contains.

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Color

Yxy(92.3919, 0.3199, 0.3747)

Conversions

Conversions Part 1

Format	Color
Hex	E2FFD3
RGB	226, 255, 211
RGB Percent	89%, 100%, 83%
CMY	0.1138, 0.0000, 0.1725
CMYK	0.11, 0.00, 0.17, 0.00
HSL	100°, 100%, 91%
HSV	100°, 17%, 100%
XYZ	78.8796, 92.3919, 75.3042
YIQ	241.3130, -3.1600, -19.8320

Conversions

Conversions Part 2

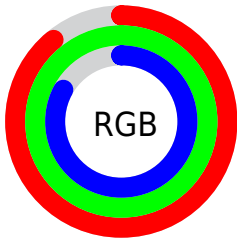
Format	Color
R _Y B	211, 255, 240
Decimal	14876627
CIE Lab	96.98, -17.11, 17.93
CIE LCh	97, 24.782, 133.672
Yxy	92.3919, 0.3199, 0.3747
Android (android.graphics.Color)	4293066707 (0xFFE2FFD3)
YUV	241.3130, -14.9443, -13.4295
Hunter-Lab	96.1207, -21.7287, 20.8347

Details

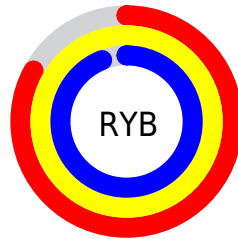
The Yxy color **92.3919, 0.3199, 0.3747** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.3370, 0.3041, 0.2847**, and the grayscale version is **88.3415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3345, 0.3211, 0.3854** is the 20% darker color. If you saturate the color by 10%, you get **88.6253, 0.3237, 0.4045**, and if you desaturate by 10%, it is **96.6252, 0.3158, 0.3473**.

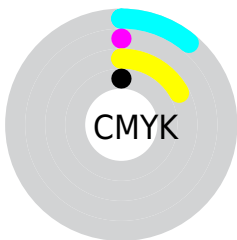
Distribution



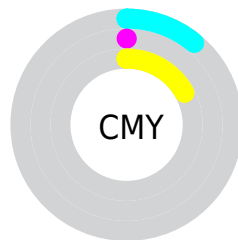
- Red (89%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (94%)



- Cyan (11%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3919, 0.3199, 0.3747 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 92.3919, 0.3199, 0.3747 by changing the saturation by 10% instead.


 92.3919, 0.3199,
0.3747

 92.3919, 0.3199,
0.3747


535.7813, 0.3170,
0.3539

 69.9662, 0.3205,
0.3794


150.6564, 0.3190,
0.3675

 51.4990, 0.3211,
0.3851

187.2640, 0.3186,
0.3647

 36.6059, 0.3219,
0.3923


229.3677, 0.3183,
0.3623

 24.9025, 0.3227,
0.4016


277.3519, 0.3180,
0.3602

 16.0044, 0.3237,
0.4140

331.6010, 0.3177,
0.3583

 9.5273, 0.3246,
0.4314

392.4993, 0.3174,

 5.0867, 0.3252,

0.3567

0.4577

460.4312, 0.3172,
0.3552

■ 2.2982, 0.3247,
0.5020

■ 0.7728, 0.2907,
0.7093

■ 92.3919, 0.3199,
0.3747

■ 92.3919, 0.3199,
0.3747

■ 88.6253, 0.3237,
0.4045

■ 96.6252, 0.3158,
0.3473

■ 85.3123, 0.3269,
0.4361

100.0000, 0.3127,
0.3290

■ 82.4333, 0.3291,
0.4685

■ 79.9685, 0.3301,
0.5002

■ 77.8966, 0.3295,
0.5294

■ 76.1940, 0.3272,
0.5540

■ 74.8340, 0.3232,
0.5726

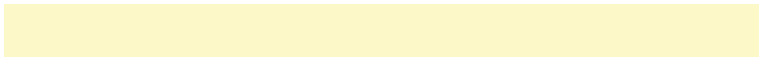
■ 73.7843, 0.3181,
0.5843

■ 73.5400, 0.3166,
0.5868

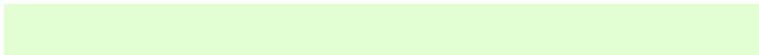
Harmonies

Analogous

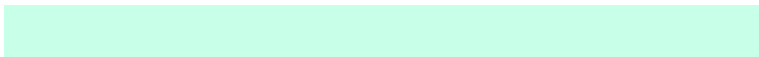
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3919, 0.3459, 0.3774



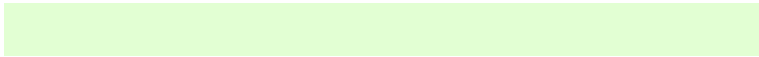
92.3919, 0.3199, 0.3747



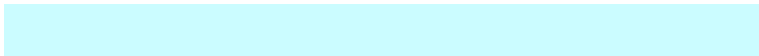
92.3919, 0.2927, 0.3579

Triad

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



92.3919, 0.3199, 0.3747



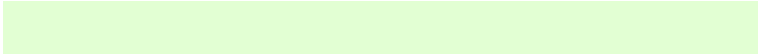
92.3919, 0.2640, 0.2900



92.3919, 0.3553, 0.3234

Complementary

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



92.3919, 0.3199, 0.3747



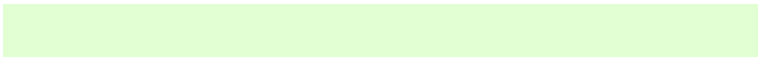
72.3370, 0.3041, 0.2847

Split Complementary

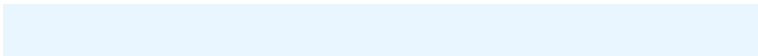
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.3919, 0.3317, 0.3024



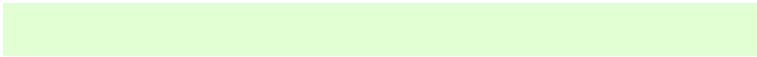
92.3919, 0.3199, 0.3747



92.3919, 0.2791, 0.2833

Square

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



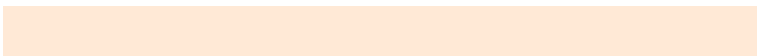
92.3919, 0.3199, 0.3747



92.3919, 0.2612, 0.3076



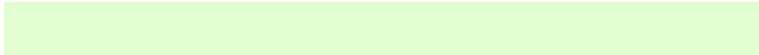
92.3919, 0.3036, 0.2880



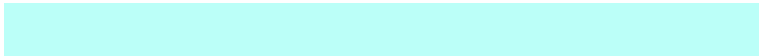
92.3919, 0.3671, 0.3465

Rectangle

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



92.3919, 0.3199, 0.3747



92.3919, 0.2776, 0.3415



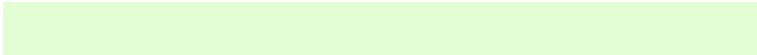
92.3919, 0.3036, 0.2880



92.3919, 0.3484, 0.3159

Sweetspot

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



92.3906, 0.3199, 0.3747



97.6462, 0.3148, 0.3414



88.0487, 0.3412, 0.3575



20.8316, 0.3151, 0.3432



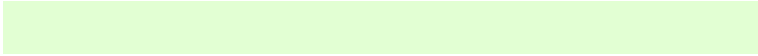
0.0000, 0.0000, 0.0000



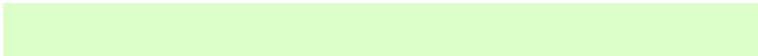
21.4041, 0.3127, 0.3290

Same Dimension

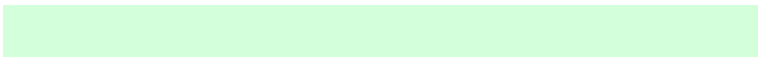
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.3906, 0.3199, 0.3747



90.9260, 0.3214, 0.3856



90.4104, 0.3068, 0.3687



20.4688, 0.3167, 0.3532



38.4998, 0.3177, 0.5859



3.8060, 0.3263, 0.5792

Inverse Universe

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



72.3370, 0.3041, 0.2847



67.1662, 0.3019, 0.2745



74.6519, 0.3192, 0.2923



17.9724, 0.3083, 0.3052



8.2156, 0.2365, 0.1076



0.8602, 0.2461, 0.1130

Previews

White Background



This preview shows how the Yxy color 92.3919, 0.3199, 0.3747 looks on a white background.

Color Contrast Check

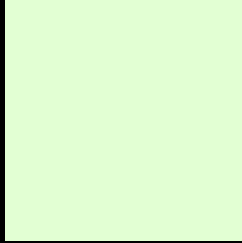
Large Text (above 18pt) WCAG AA × Fail

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 92.3919, 0.3199, 0.3747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

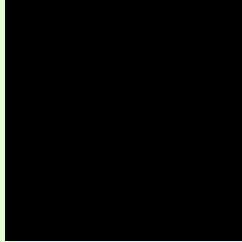
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

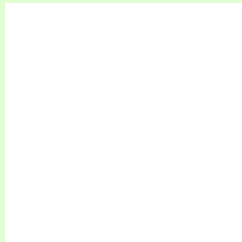
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.3919, 0.3199, 0.3747

Background



This preview shows how black text looks on a background with the Yxy color 92.3919, 0.3199, 0.3747.

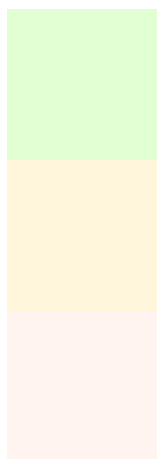


This preview shows how white text looks on a background with the Yxy color 92.3919, 0.3199, 0.3747.

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

92.3919, 0.3199, 0.3747

Protanopia

92.3388, 0.3345, 0.3546

Deuteranopia

92.1934, 0.3229, 0.3339

Tritanopia

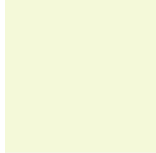
92.4423, 0.3043, 0.3211

Trichromacy



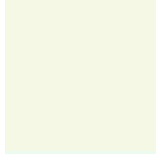
Original Color

92.3919, 0.3199, 0.3747



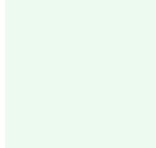
Protanomaly

91.9942, 0.3287, 0.3612



Deuteranomaly

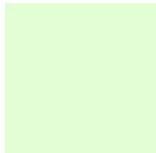
92.0250, 0.3215, 0.3480



Tritanomaly

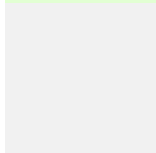
92.4361, 0.3103, 0.3400

Monochromacy



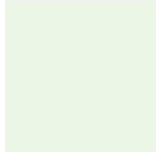
Original Color

92.3919, 0.3199, 0.3747



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.4576, 0.3158, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3919, 0.3199, 0.3747 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 211) }
```

Border

The CSS property to change the border of an element to Yxy 92.3919, 0.3199, 0.3747 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, 211) }
```

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

```
.border{ border-color:rgb(226, 255, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3919, 0.3199, 0.3747 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, 211) }
```

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

```
.background{ background-color: rgb(226,  
255, 211) }
```

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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