

Converting Colors

$Yxy(91.9866, 0.3198, 0.3769)$

Have a look what the booklet for
Yxy(91.9866, 0.3198, 0.3769)
contains.

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Color

Yxy(91.9707, 0.3198, 0.3770)

Conversions

Conversions Part 1

Format	Color
Hex	E0FFD1
RGB	224, 255, 209
RGB Percent	88%, 100%, 82%
CMY	0.1215, 0.0000, 0.1804
CMYK	0.12, 0.00, 0.18, 0.00
HSL	100°, 100%, 91%
HSV	100°, 18%, 100%
XYZ	78.0165, 91.9707, 73.9669
YIQ	240.4870, -3.7100, -20.8780

Conversions

Conversions Part 2

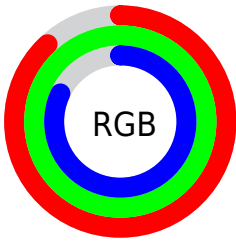
Format	Color
R_{YB}	209, 255, 240
Decimal	14745553
CIE _{Lab}	96.81, -18.09, 18.68
CIE _{LCh}	97, 26.006, 134.080
Yxy	91.9707, 0.3198, 0.3770
Android (android.graphics.Color)	4292935633 (0xFFE0FFD1)
YUV	240.4870, -15.5231, -14.4591
Hunter-Lab	95.9014, -22.6162, 21.4017

Details

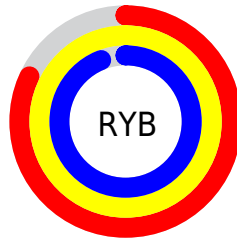
The Yxy color **91.9707, 0.3198, 0.3770** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.3470, 0.3041, 0.2826**, and the grayscale version is **87.6718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.0461, 0.3209, 0.3884** is the 20% darker color. If you saturate the color by 10%, you get **88.2039, 0.3233, 0.4071**, and if you desaturate by 10%, it is **96.2247, 0.3159, 0.3493**.

Distribution



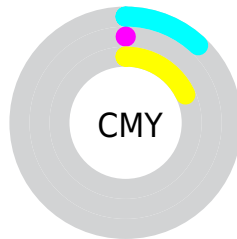
- Red (88%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (94%)



- Cyan (12%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (12%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.9707, 0.3198, 0.3770 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 91.9707, 0.3198, 0.3770 by changing the saturation by 10% instead.

 91.9707, 0.3198,
0.3770

 91.9707, 0.3198,
0.3770

534.4208, 0.3170,
0.3551

 69.6163, 0.3203,
0.3819

150.0728, 0.3189,
0.3695

 51.2138, 0.3210,
0.3880


186.5892, 0.3185,
0.3665

 36.3788, 0.3217,
0.3956


228.5952, 0.3182,
0.3640

 24.7269, 0.3224,
0.4054

276.4750, 0.3179,
0.3617

 15.8737, 0.3233,
0.4185

330.6131, 0.3176,
0.3598

 9.4348, 0.3240,
0.4370

391.3938, 0.3174,

 5.0259, 0.3242,

0.3580

0.4649

459.2016, 0.3172,
0.3565

■ 2.2624, 0.3235,
0.5132

■ 0.7537, 0.2671,
0.7329

■ 91.9707, 0.3198,
0.3770

■ 91.9707, 0.3198,
0.3770

■ 88.2039, 0.3233,
0.4071

■ 96.2247, 0.3159,
0.3493

■ 84.8946, 0.3262,
0.4390

99.9986, 0.3127,
0.3290

■ 82.0278, 0.3282,
0.4716

■ 79.5831, 0.3289,
0.5033

■ 77.5385, 0.3280,
0.5324

■ 75.8694, 0.3255,
0.5567

■ 74.5480, 0.3215,
0.5748

■ 73.5395, 0.3163,
0.5861

■ 73.3706, 0.3153,
0.5879

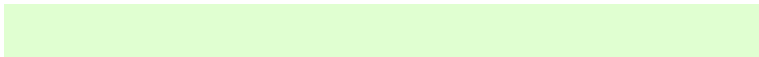
Harmonies

Analogous

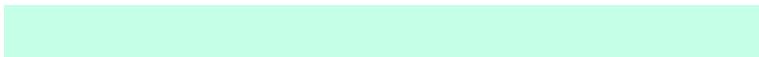
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.9707, 0.3473, 0.3800



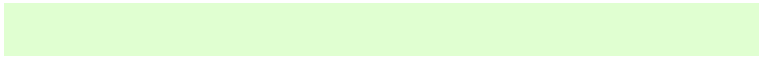
91.9707, 0.3198, 0.3770



91.9707, 0.2913, 0.3591

Triad

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



91.9707, 0.3198, 0.3770



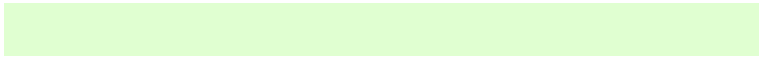
91.9707, 0.2617, 0.2878



91.9707, 0.3577, 0.3234

Complementary

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



91.9707, 0.3198, 0.3770



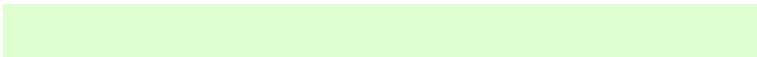
71.3470, 0.3041, 0.2826

Split Complementary

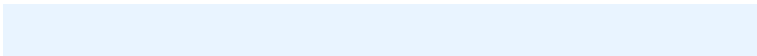
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.9707, 0.3330, 0.3014



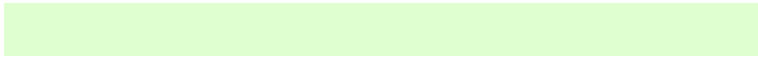
91.9707, 0.3198, 0.3770



91.9707, 0.2777, 0.2811

Square

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



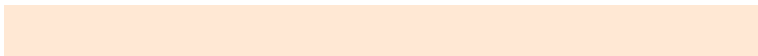
91.9707, 0.3198, 0.3770



91.9707, 0.2587, 0.3061



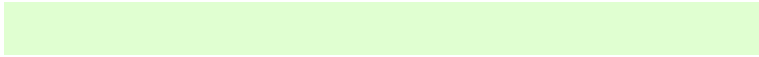
91.9707, 0.3035, 0.2862



91.9707, 0.3700, 0.3476

Rectangle

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



91.9707, 0.3198, 0.3770



91.9707, 0.2755, 0.3417



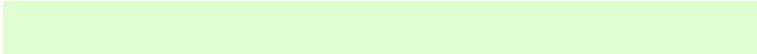
91.9707, 0.3035, 0.2862



91.9707, 0.3505, 0.3156

Sweetspot

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



91.9747, 0.3198, 0.3770



97.6137, 0.3147, 0.3414



87.9887, 0.3425, 0.3596



20.8237, 0.3150, 0.3432



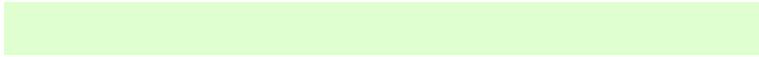
0.0000, 0.0000, 0.0000



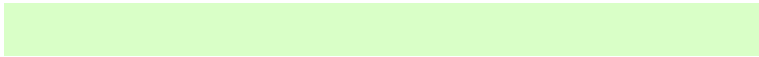
21.4041, 0.3127, 0.3290

Same Dimension

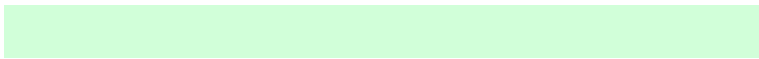
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.9747, 0.3198, 0.3770



90.4248, 0.3212, 0.3887



90.0682, 0.3061, 0.3699



20.4562, 0.3165, 0.3532



38.4100, 0.3164, 0.5870



3.7961, 0.3248, 0.5803

Inverse Universe

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



71.3470, 0.3041, 0.2826



65.9698, 0.3019, 0.2718



73.6014, 0.3201, 0.2913



17.9857, 0.3085, 0.3052



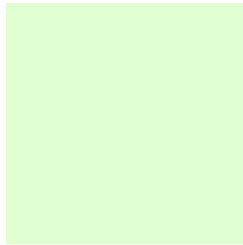
8.4229, 0.2398, 0.1094



0.8794, 0.2491, 0.1146

Previews

White Background



This preview shows how the Yxy color 91.9707, 0.3198, 0.3770 looks on a white background.

Color Contrast Check

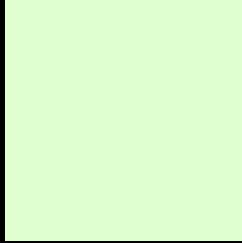
Large Text (above 18pt) WCAG AA × Fail

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 91.9707, 0.3198, 0.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

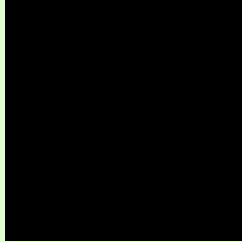
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

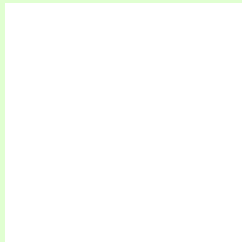
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.9707, 0.3198, 0.3770

Background



This preview shows how black text looks on a background with the Yxy color 91.9707, 0.3198, 0.3770.

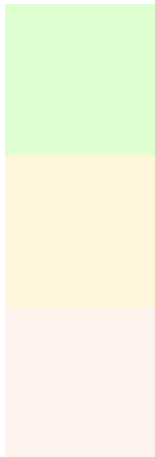


This preview shows how white text looks on a background with the Yxy color 91.9707, 0.3198, 0.3770.

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

91.9707, 0.3198, 0.3770

Protanopia

91.6268, 0.3359, 0.3557

Deuteranopia

91.5342, 0.3236, 0.3339

Tritanopia

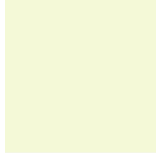
91.6568, 0.3037, 0.3201

Trichromacy



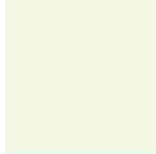
Original Color

91.9707, 0.3198, 0.3770



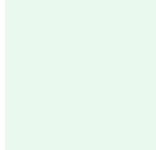
Protanomaly

91.8908, 0.3299, 0.3632



Deuteranomaly

91.3007, 0.3228, 0.3490



Tritanomaly

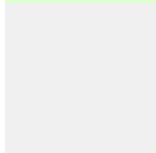
91.4168, 0.3097, 0.3401

Monochromacy



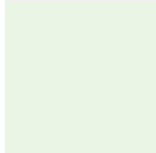
Original Color

91.9707, 0.3198, 0.3770



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.4544, 0.3152, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.9707, 0.3198, 0.3770 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(224, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 209)  
}
```

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(224, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 209) }
```

Border

The CSS property to change the border of an element to Yxy 91.9707, 0.3198, 0.3770 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(224, 255, 209) }
```

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

```
.border{ border-color:rgb(224, 255, 209) }
```

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

Here you see how a box with a 4 pixel rgb(224, 255, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 91.9707, 0.3198, 0.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 209) }
```

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

```
.background{ background-color: rgb(224,  
255, 209) }
```

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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