

Converting Colors

$Yxy(92.4403, 0.3095, 0.3556)$

Have a look what the booklet for
Yxy(92.4403, 0.3095, 0.3556)
contains.

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Color

Yxy(92.4926, 0.3096, 0.3557)

Conversions

Conversions Part 1

Format	Color
Hex	E1FEE4
RGB	225, 254, 228
RGB Percent	88%, 100%, 89%
CMY	0.1176, 0.0039, 0.1057
CMYK	0.11, 0.00, 0.10, 0.00
HSL	126°, 94%, 94%
HSV	126°, 11%, 100%
XYZ	80.5052, 92.4926, 87.0320
YIQ	242.3650, -8.9380, -14.2340

Conversions

Conversions Part 2

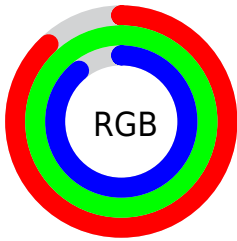
Format	Color
R _Y B	225, 251, 254
Decimal	14810852
CIE Lab	97.02, -14.08, 9.25
CIE LCh	97, 16.852, 146.693
Yxy	92.4926, 0.3096, 0.3557
Android (android.graphics.Color)	4293000932 (0xFFE1FEE4)
YUV	242.3650, -7.0819, -15.2291
Hunter-Lab	96.1731, -18.8829, 13.6666

Details

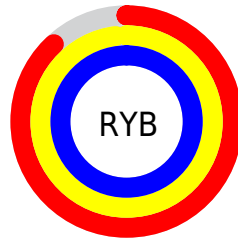
The Yxy color **92.4926, 0.3096, 0.3557** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.8973, 0.3160, 0.3037**, and the grayscale version is **89.1666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.4957, 0.3089, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **87.5305, 0.3068, 0.3824**, and if you desaturate by 10%, it is **98.2362, 0.3123, 0.3321**.

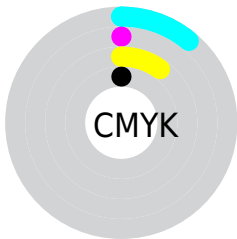
Distribution



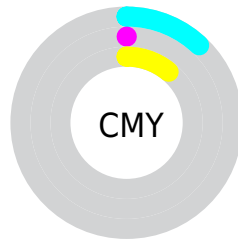
- Red (88%)
- Green (100%)
- Blue (89%)



- Red (88%)
- Yellow (98%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4926, 0.3096, 0.3557 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 92.4926, 0.3096, 0.3557 by changing the saturation by 10% instead.

 92.4926, 0.3096,
0.3557

 92.4926, 0.3096,
0.3557


536.1063, 0.3111,
0.3436

 70.0498, 0.3092,
0.3584


150.7959, 0.3101,
0.3516

 51.5672, 0.3088,
0.3617


187.4253, 0.3103,
0.3499

 36.6602, 0.3082,
0.3658

229.5523, 0.3105,
0.3485

 24.9445, 0.3075,
0.3711

277.5614, 0.3107,
0.3473

 16.0357, 0.3064,
0.3782

331.8370, 0.3108,
0.3462

 9.5494, 0.3049,
0.3882

392.7634, 0.3109,

 5.1013, 0.3024,

0.3453

0.4032

460.7250, 0.3110,
0.3444

■ 2.3068, 0.2978,
0.4283

■ 0.7773, 0.2880,
0.5667

■ 92.4926, 0.3096,
0.3557

■ 92.4926, 0.3096,
0.3557

■ 87.5305, 0.3068,
0.3824

■ 98.2362, 0.3123,
0.3321

■ 83.3050, 0.3040,
0.4121

99.3620, 0.3128,
0.3281

■ 79.7844, 0.3014,
0.4442

■ 76.9302, 0.2991,
0.4776

■ 74.7002, 0.2975,
0.5104

■ 73.0474, 0.2966,
0.5407

■ 71.9178, 0.2966,
0.5659

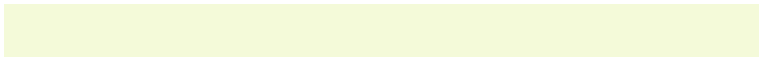
■ 71.2475, 0.2974,
0.5843

■ 70.9584, 0.2984,
0.5942

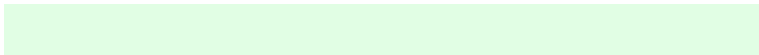
Harmonies

Analogous

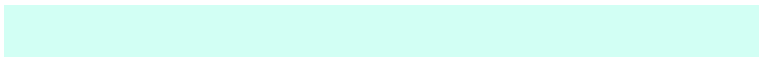
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4926, 0.3283, 0.3620



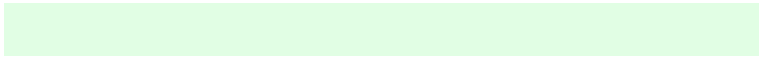
92.4926, 0.3096, 0.3557



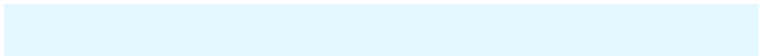
92.4926, 0.2921, 0.3415

Triad

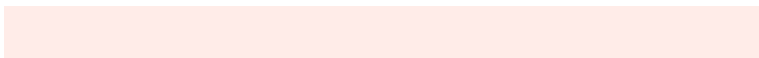
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.4926, 0.3096, 0.3557



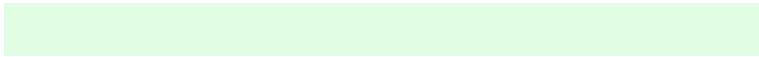
92.4926, 0.2828, 0.2993



92.4926, 0.3462, 0.3324

Complementary

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



92.4926, 0.3096, 0.3557



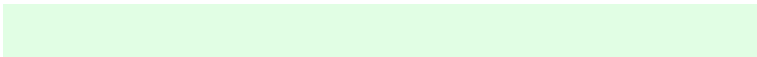
81.8973, 0.3160, 0.3037

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.



92.4926, 0.3333, 0.3167



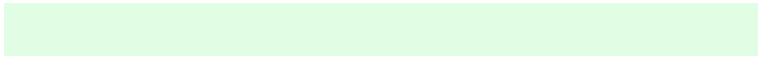
92.4926, 0.3096, 0.3557



92.4926, 0.2966, 0.2979

Square

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



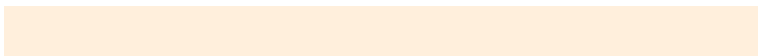
92.4926, 0.3096, 0.3557



92.4926, 0.2770, 0.3087



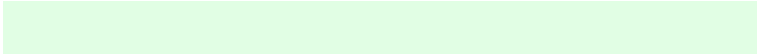
92.4926, 0.3150, 0.3043



92.4926, 0.3498, 0.3478

Rectangle

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



92.4926, 0.3096, 0.3557



92.4926, 0.2834, 0.3299



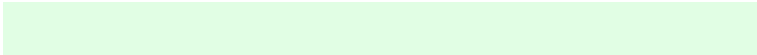
92.4926, 0.3150, 0.3043



92.4926, 0.3428, 0.3270

Sweetspot

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



92.4965, 0.3096, 0.3557



98.1442, 0.3119, 0.3356



96.8473, 0.3279, 0.3574



20.9034, 0.3117, 0.3375



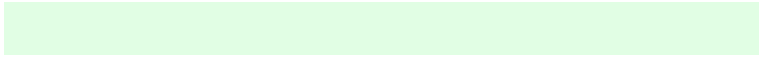
0.0000, 0.0000, 0.0000



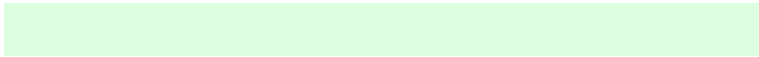
21.4041, 0.3127, 0.3290

Same Dimension

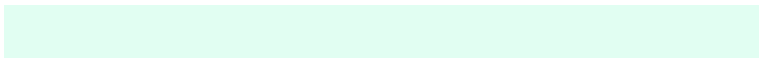
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4965, 0.3096, 0.3557



91.9549, 0.3089, 0.3623



93.3285, 0.3015, 0.3407



20.1988, 0.3101, 0.3510



37.4208, 0.2980, 0.5929



3.6532, 0.2942, 0.5793

Inverse Universe

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



81.8973, 0.3160, 0.3037



79.0630, 0.3168, 0.2978



81.0249, 0.3254, 0.3176



18.2659, 0.3154, 0.3080



14.0634, 0.3490, 0.1696



1.3783, 0.3454, 0.1676

Previews

White Background



This preview shows how the Yxy color 92.4926, 0.3096, 0.3557 looks on a white background.

Color Contrast Check

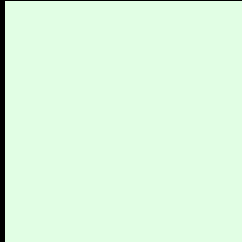
Large Text (above 18pt) WCAG AA × Fail

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 92.4926, 0.3096, 0.3557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

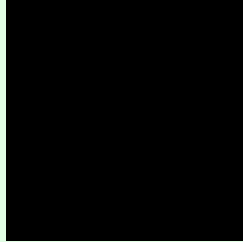
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

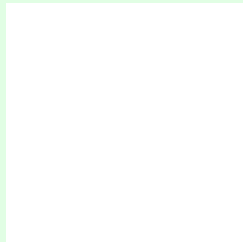
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.4926, 0.3096, 0.3557

Background



This preview shows how black text looks on a background with the Yxy color 92.4926, 0.3096, 0.3557.

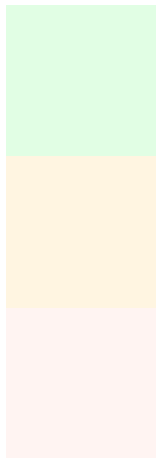


This preview shows how white text looks on a background with the Yxy color 92.4926, 0.3096, 0.3557.

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

92.4926, 0.3096, 0.3557

Protanopia

92.0011, 0.3315, 0.3487

Deuteranopia

92.3722, 0.3211, 0.3310

Tritanopia

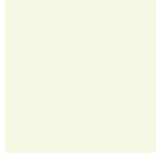
92.2668, 0.3036, 0.3211

Trichromacy



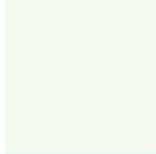
Original Color

92.4926, 0.3096, 0.3557



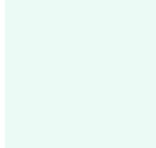
Protanomaly

91.8589, 0.3233, 0.3510



Deuteranomaly

92.4823, 0.3167, 0.3399



Tritanomaly

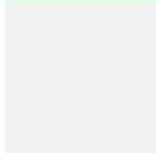
92.6260, 0.3062, 0.3340

Monochromacy



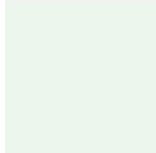
Original Color

92.4926, 0.3096, 0.3557



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

89.8588, 0.3116, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4926, 0.3096, 0.3557 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(225, 254, 228)` looks like.

```
.text, #text, p{  
    color:rgb(225, 254, 228)  
}
```

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(225, 254, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 254, 228) }
```

Border

The CSS property to change the border of an element to Yxy 92.4926, 0.3096, 0.3557 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(225, 254, 228) }
```

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

```
.border{ border-color:rgb(225, 254, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 254, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 254, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 254, 228);  
box-shadow:4px 4px 4px 4px rgb(225, 254,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4926, 0.3096, 0.3557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 254, 228) }
```

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

```
.background{ background-color: rgb(225,  
254, 228) }
```

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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