

Converting Colors

Yxy(95.8068, 0.3070, 0.3623)

Have a look what the booklet for
Yxy(95.8068, 0.3070, 0.3623)
contains.

| | |
|--|----|
| Yxy(92.4936, 0.3071, 0.3569) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(92.4936, 0.3071, 0.3569)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--|
| Hex | DDFFE4 |
| RGB | 221, 255, 228 |
| RGB Percent | 87%, 100%, 89% |
| CMY | 0.1333, 0.0000, 0.1058 |
| CMYK | 0.13, 0.00, 0.11, 0.00 |
| HSL | 132°, 100%, 93% |
| HSV | 132°, 13%, 100% |
| XYZ | 79.5875, 92.4936, 87.0772 |
| YIQ | 241.7560, -11.5970, -15.6050 |

Conversions

Conversions Part 2

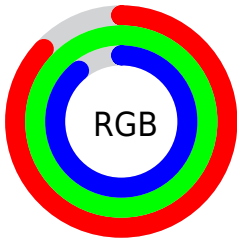
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 221, 249, 255 |
| Decimal | 14548964 |
| CIE Lab | 97.02, -15.89, 9.22 |
| CIE LCh | 97, 18.372, 149.870 |
| Yxy | 92.4936, 0.3071, 0.3569 |
| Android (android.graphics.Color) | 4292739044 (0xFFDDFFE4) |
| YUV | 241.7560, -6.7817, -18.2030 |
| Hunter-Lab | 96.1736, -20.5879, 13.6394 |

Details

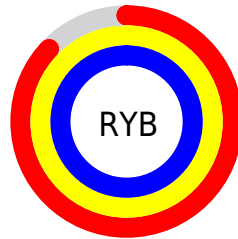
The Yxy color **92.4936, 0.3071, 0.3569** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.7547, 0.3189, 0.3026**, and the grayscale version is **88.6563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.5123, 0.3057, 0.3623** is the 20% darker color. If you saturate the color by 10%, you get **87.7343, 0.3029, 0.3810**, and if you desaturate by 10%, it is **97.9990, 0.3113, 0.3355**.

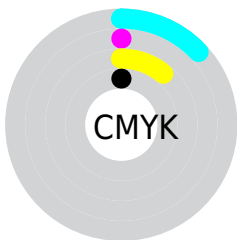
Distribution



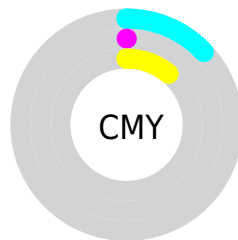
- Red (87%)
- Green (100%)
- Blue (89%)



- Red (87%)
- Yellow (98%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4936, 0.3071, 0.3569 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 92.4936, 0.3071, 0.3569 by changing the saturation by 10% instead.

 92.4936, 0.3071,
0.3569

 92.4936, 0.3071,
0.3569

536.1095, 0.3097,
0.3443

 70.0507, 0.3065,
0.3597


150.7973, 0.3080,
0.3526

 51.5678, 0.3058,
0.3632


187.4269, 0.3084,
0.3509

 36.6607, 0.3048,
0.3675

229.5542, 0.3087,
0.3494

 24.9449, 0.3036,
0.3731

277.5635, 0.3089,
0.3481

 16.0360, 0.3019,
0.3806

331.8393, 0.3092,
0.3470

 9.5496, 0.2994,
0.3911

392.7660, 0.3094,

 5.1014, 0.2956,

0.3460

0.4069

460.7279, 0.3096,
0.3451

■ 2.3069, 0.2888,
0.4334

■ 0.7773, 0.2639,
0.5845

■ 92.4936, 0.3071,
0.3569

■ 92.4936, 0.3071,
0.3569

■ 87.7343, 0.3029,
0.3810

■ 97.9990, 0.3113,
0.3355

■ 83.6792, 0.2989,
0.4076

100.0000, 0.3127,
0.3290

■ 80.2975, 0.2954,
0.4364

■ 77.5522, 0.2926,
0.4665

■ 75.4025, 0.2908,
0.4967

■ 73.8030, 0.2903,
0.5253

■ 72.7013, 0.2911,
0.5507

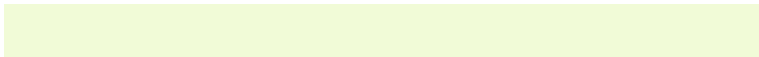
■ 72.0345, 0.2931,
0.5710

■ 71.7739, 0.2949,
0.5815

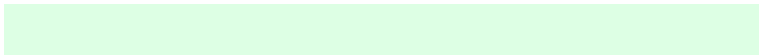
Harmonies

Analogous

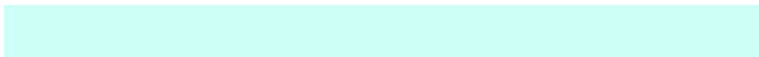
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4936, 0.3276, 0.3648



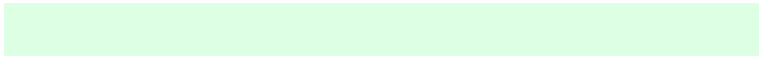
92.4936, 0.3071, 0.3569



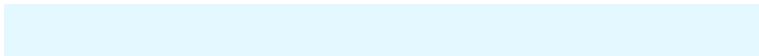
92.4936, 0.2886, 0.3407

Triad

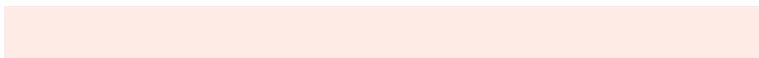
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.4936, 0.3071, 0.3569



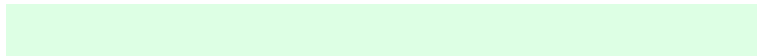
92.4936, 0.2814, 0.2961



92.4936, 0.3502, 0.3345

Complementary

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



92.4936, 0.3071, 0.3569



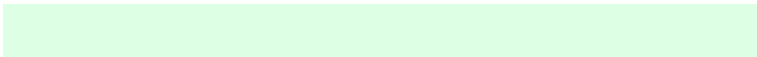
79.7547, 0.3189, 0.3026

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.



92.4936, 0.3370, 0.3173



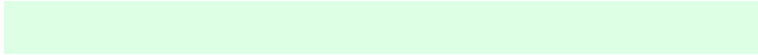
92.4936, 0.3071, 0.3569



92.4936, 0.2971, 0.2956

Square

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



92.4936, 0.3071, 0.3569



92.4936, 0.2740, 0.3053



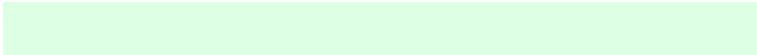
92.4936, 0.3174, 0.3033



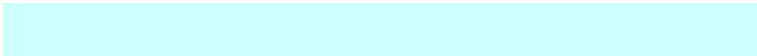
92.4936, 0.3529, 0.3510

Rectangle

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



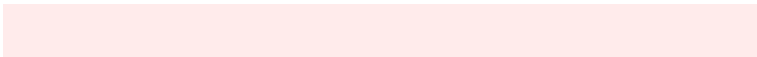
92.4936, 0.3071, 0.3569



92.4936, 0.2797, 0.3279



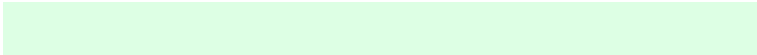
92.4936, 0.3174, 0.3033



92.4936, 0.3468, 0.3287

Sweetspot

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



92.4969, 0.3071, 0.3569



97.6061, 0.3110, 0.3369



96.7345, 0.3283, 0.3626



20.7983, 0.3107, 0.3384



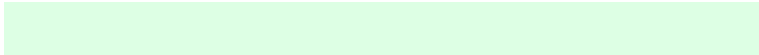
0.0000, 0.0000, 0.0000



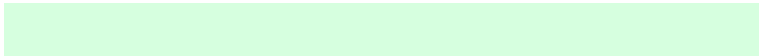
21.4041, 0.3127, 0.3290

Same Dimension

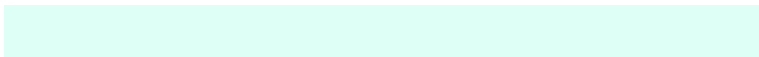
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4969, 0.3071, 0.3569



91.1538, 0.3060, 0.3631



93.4744, 0.2978, 0.3393



20.2295, 0.3087, 0.3484



37.5205, 0.2942, 0.5792



3.6681, 0.2888, 0.5595

Inverse Universe

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



79.7547, 0.3189, 0.3026



76.1436, 0.3203, 0.2972



78.7598, 0.3302, 0.3189



18.2323, 0.3170, 0.3103



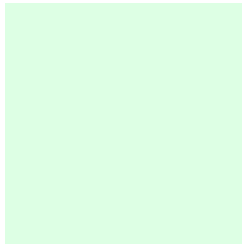
13.3679, 0.3814, 0.1875



1.3170, 0.3731, 0.1829

Previews

White Background



This preview shows how the Yxy color 92.4936, 0.3071, 0.3569 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 92.4936, 0.3071, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

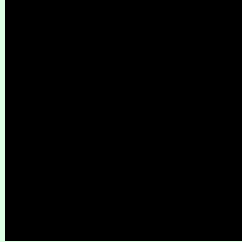
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

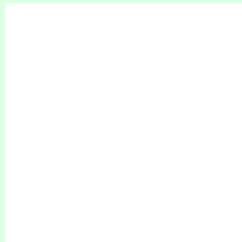
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.4936, 0.3071, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 92.4936, 0.3071, 0.3569.

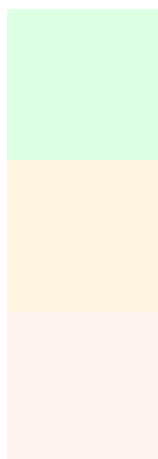


This preview shows how white text looks on a background with the Yxy color 92.4936, 0.3071, 0.3569.

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

92.4936, 0.3071, 0.3569

Protanopia

92.0011, 0.3315, 0.3487

Deuteranopia

92.3722, 0.3211, 0.3310

Tritanopia

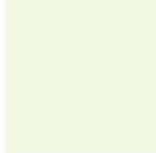
92.0923, 0.3030, 0.3211

Trichromacy



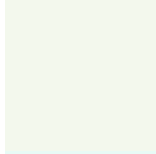
Original Color

92.4936, 0.3071, 0.3569



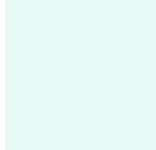
Protanomaly

92.2970, 0.3226, 0.3520



Deuteranomaly

92.3039, 0.3160, 0.3399



Tritanomaly

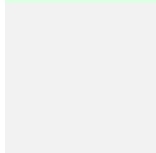
92.1196, 0.3044, 0.3340

Monochromacy



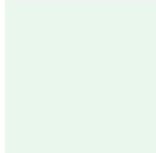
Original Color

92.4936, 0.3071, 0.3569



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.1284, 0.3103, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4936, 0.3071, 0.3569 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(221, 255, 228)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 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(221, 255, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 228) }
```

Border

The CSS property to change the border of an element to Yxy 92.4936, 0.3071, 0.3569 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(221, 255, 228) }
```

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

```
.border{ border-color:rgb(221, 255, 228) }
```

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

Here you see how a box with a 4 pixel rgb(221, 255, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 228);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4936, 0.3071, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 228) }
```

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

```
.background{ background-color: rgb(221,  
255, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor