

Converting Colors

Yxy(95.8687, 0.3088, 0.3663)

Have a look what the booklet for
Yxy(95.8687, 0.3088, 0.3663)
contains.

| | |
|--|----|
| Yxy(92.2740, 0.3094, 0.3612) | 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(92.2740, 0.3094, 0.3612)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | DDFFE0 |
| RGB | 221, 255, 224 |
| RGB Percent | 87%, 100%, 88% |
| CMY | 0.1332, 0.0000, 0.1216 |
| CMYK | 0.13, 0.00, 0.12, 0.00 |
| HSL | 125°, 100%, 93% |
| HSV | 125°, 13%, 100% |
| XYZ | 79.0409, 92.2740, 84.1502 |
| YIQ | 241.3000, -10.3130, -16.8490 |

Conversions

Conversions Part 2

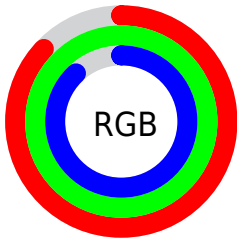
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 221, 252, 255 |
| Decimal | 14548960 |
| CIE Lab | 96.93, -16.59, 11.17 |
| CIE LCh | 97, 19.997, 146.037 |
| Yxy | 92.2740, 0.3094, 0.3612 |
| Android (android.graphics.Color) | 4292739040 (0xFFDDFFE0) |
| YUV | 241.3000, -8.5289, -17.8031 |
| Hunter-Lab | 96.0594, -21.2280, 15.3021 |

Details

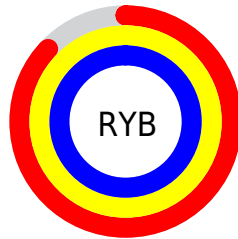
The Yxy color **92.2740, 0.3094, 0.3612** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.0285, 0.3162, 0.2988**, and the grayscale version is **88.2933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3597, 0.3086, 0.3679** is the 20% darker color. If you saturate the color by 10%, you get **87.3951, 0.3068, 0.3891**, and if you desaturate by 10%, it is **97.9419, 0.3119, 0.3365**.

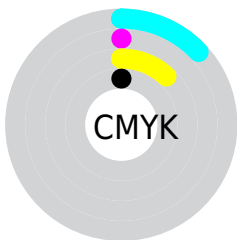
Distribution



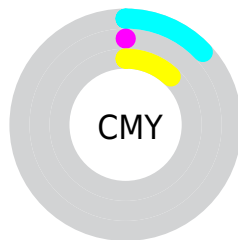
- Red (87%)
- Green (100%)
- Blue (88%)



- Red (87%)
- Yellow (99%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)




- Cyan (13%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2740, 0.3094, 0.3612 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 92.2740, 0.3094, 0.3612 by changing the saturation by 10% instead.


 92.2740, 0.3094,
0.3612

 92.2740, 0.3094,
0.3612


535.4007, 0.3110,
0.3466

 69.8682, 0.3090,
0.3645


150.4931, 0.3100,
0.3562

 51.4191, 0.3085,
0.3685

187.0752, 0.3102,
0.3542

 36.5423, 0.3079,
0.3735


229.1516, 0.3104,
0.3525

 24.8533, 0.3070,
0.3800

277.1065, 0.3106,
0.3510

 15.9678, 0.3058,
0.3887

331.3245, 0.3107,
0.3497

 9.5014, 0.3039,
0.4010

392.1900, 0.3108,

 5.0696, 0.3009,

0.3486

0.4195

460.0872, 0.3109,
0.3475

■ 2.2882, 0.2950,
0.4507

■ 0.7674, 0.2831,
0.6693

■ 92.2740, 0.3094,
0.3612

■ 92.2740, 0.3094,
0.3612

■ 87.3951, 0.3068,
0.3891

■ 97.9419, 0.3119,
0.3365

■ 83.2589, 0.3042,
0.4199

99.9979, 0.3127,
0.3290

■ 79.8327, 0.3018,
0.4530

■ 77.0764, 0.2998,
0.4869

■ 74.9459, 0.2983,
0.5197

■ 73.3919, 0.2975,
0.5491

■ 72.3577, 0.2975,
0.5728

■ 71.7750, 0.2982,
0.5890

■ 71.5760, 0.2988,
0.5957

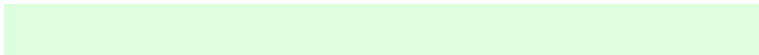
Harmonies

Analogous

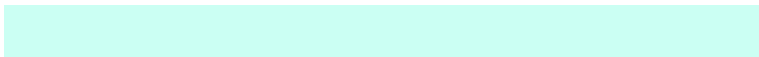
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2740, 0.3316, 0.3684



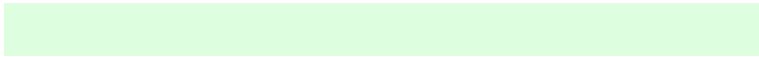
92.2740, 0.3094, 0.3612



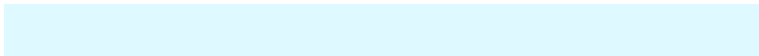
92.2740, 0.2887, 0.3443

Triad

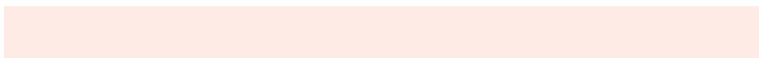
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.2740, 0.3094, 0.3612



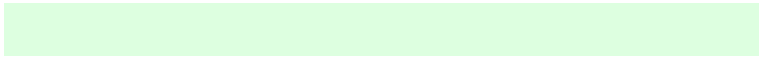
92.2740, 0.2771, 0.2940



92.2740, 0.3523, 0.3325

Complementary

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



92.2740, 0.3094, 0.3612



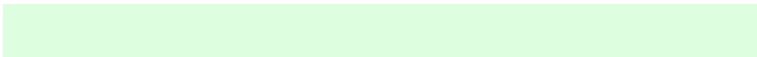
80.0285, 0.3162, 0.2988

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.



92.2740, 0.3367, 0.3140



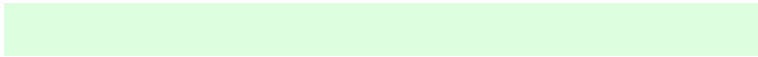
92.2740, 0.3094, 0.3612



92.2740, 0.2931, 0.2922

Square

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



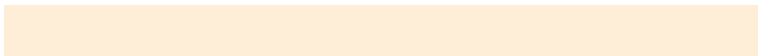
92.2740, 0.3094, 0.3612



92.2740, 0.2704, 0.3051



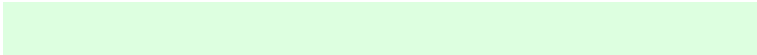
92.2740, 0.3148, 0.2996



92.2740, 0.3569, 0.3507

Rectangle

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



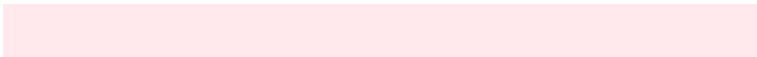
92.2740, 0.3094, 0.3612



92.2740, 0.2783, 0.3304



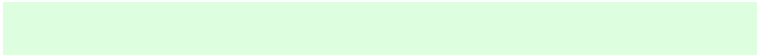
92.2740, 0.3148, 0.2996



92.2740, 0.3482, 0.3261

Sweetspot

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



92.2779, 0.3094, 0.3612



97.5308, 0.3117, 0.3381



97.4675, 0.3309, 0.3623



20.7793, 0.3116, 0.3398



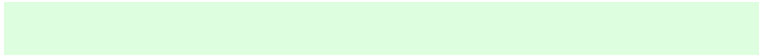
0.0000, 0.0000, 0.0000



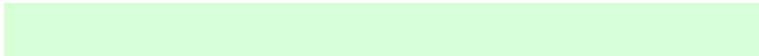
21.4041, 0.3127, 0.3290

Same Dimension

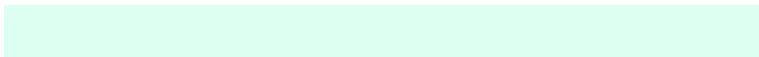
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2779, 0.3094, 0.3612



90.8939, 0.3087, 0.3684



93.2391, 0.3000, 0.3434



20.1936, 0.3104, 0.3514



37.4098, 0.2985, 0.5944



3.6507, 0.2952, 0.5827

Inverse Universe

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



80.0285, 0.3162, 0.2988



76.4494, 0.3169, 0.2925



79.0055, 0.3275, 0.3150



18.2717, 0.3151, 0.3076



14.1929, 0.3440, 0.1669



1.3896, 0.3410, 0.1652

Previews

White Background



This preview shows how the Yxy color 92.2740, 0.3094, 0.3612 looks on a white background.

Color Contrast Check

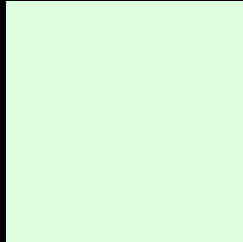
Large Text (above 18pt) WCAG AA × Fail

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 92.2740, 0.3094, 0.3612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

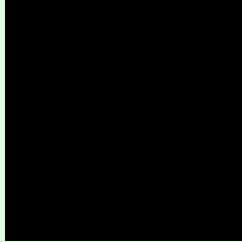
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

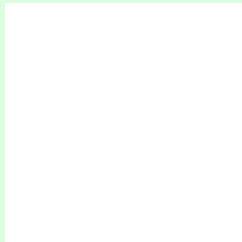
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.2740, 0.3094, 0.3612

Background



This preview shows how black text looks on a background with the Yxy color 92.2740, 0.3094, 0.3612.

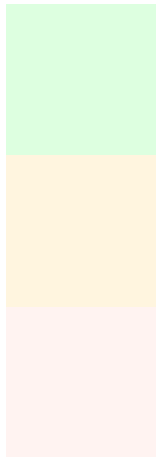


This preview shows how white text looks on a background with the Yxy color 92.2740, 0.3094, 0.3612.

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

92.2740, 0.3094, 0.3612

Protanopia

91.8925, 0.3328, 0.3507

Deuteranopia

91.7121, 0.3218, 0.3310

Tritanopia

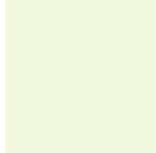
92.0923, 0.3030, 0.3211

Trichromacy



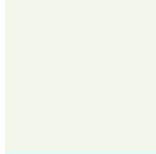
Original Color

92.2740, 0.3094, 0.3612



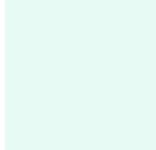
Protanomaly

92.1338, 0.3244, 0.3551



Deuteranomaly

91.5744, 0.3173, 0.3410



Tritanomaly

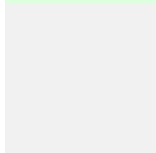
92.0587, 0.3049, 0.3350

Monochromacy



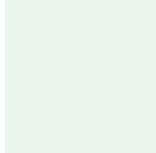
Original Color

92.2740, 0.3094, 0.3612



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.4021, 0.3116, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2740, 0.3094, 0.3612 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 224) }
```

Border

The CSS property to change the border of an element to Yxy 92.2740, 0.3094, 0.3612 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, 224) }
```

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

```
.border{ border-color:rgb(221, 255, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2740, 0.3094, 0.3612 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, 224) }
```

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

```
.background{ background-color: rgb(221,  
255, 224) }
```

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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