

Converting Colors

$Y_{xy}(100.0000, 0.3065, 0.3673)$

Have a look what the booklet for
Yxy(100.0000, 0.3065, 0.3673)
contains.

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Color

Yxy(92.5493, 0.3065, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	DDFFE5
RGB	221, 255, 229
RGB Percent	87%, 100%, 90%
CMY	0.1336, 0.0000, 0.1020
CMYK	0.13, 0.00, 0.10, 0.00
HSL	134°, 100%, 93%
HSV	134°, 13%, 100%
XYZ	79.7032, 92.5493, 87.7905
YIQ	241.8700, -11.9180, -15.2940

Conversions

Conversions Part 2

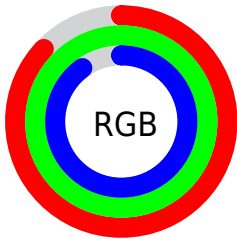
Format	Color
R _Y B	221, 249, 255
Decimal	14548965
CIE Lab	97.04, -15.76, 8.76
CIE LCh	97, 18.029, 150.944
Yxy	92.5493, 0.3065, 0.3559
Android (android.graphics.Color)	4292739045 (0xFFDDFFE5)
YUV	241.8700, -6.3449, -18.3030
Hunter-Lab	96.2025, -20.4684, 13.2362

Details

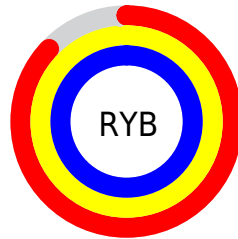
The Yxy color **92.5493, 0.3065, 0.3559** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.6415, 0.3196, 0.3035**, and the grayscale version is **88.7226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.5512, 0.3050, 0.3610** is the 20% darker color. If you saturate the color by 10%, you get **87.8088, 0.3019, 0.3790**, and if you desaturate by 10%, it is **97.9946, 0.3112, 0.3353**.

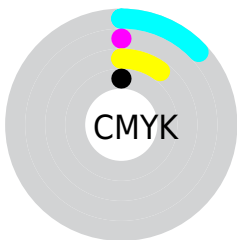
Distribution



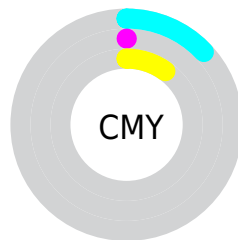
- Red (87%)
- Green (100%)
- Blue (90%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)




- Cyan (13%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.5493, 0.3065, 0.3559 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 92.5493, 0.3065, 0.3559 by changing the saturation by 10% instead.


 92.5493, 0.3065,
0.3559

 92.5493, 0.3065,
0.3559


536.2892, 0.3094,
0.3437

 70.0970, 0.3058,
0.3586


150.8745, 0.3075,
0.3517

 51.6056, 0.3050,
0.3619


187.5161, 0.3079,
0.3501

 36.6908, 0.3040,
0.3661


229.6563, 0.3082,
0.3487

 24.9682, 0.3027,
0.3715

277.6794, 0.3085,
0.3474

 16.0533, 0.3009,
0.3787

331.9699, 0.3088,
0.3464

 9.5619, 0.2982,
0.3888

392.9120, 0.3090,

 5.1095, 0.2942,

0.3454

0.4040

460.8904, 0.3092,
0.3445

■ 2.3116, 0.2871,
0.4294

■ 0.7799, 0.2596,
0.5678

■ 92.5493, 0.3065,
0.3559

■ 92.5493, 0.3065,
0.3559

■ 87.8088, 0.3019,
0.3790

■ 97.9946, 0.3112,
0.3353

■ 83.7789, 0.2976,
0.4045

100.0000, 0.3127,
0.3290

■ 80.4137, 0.2937,
0.4322

■ 77.6766, 0.2907,
0.4613

■ 75.5277, 0.2888,
0.4906

■ 73.9221, 0.2882,
0.5187

■ 72.8083, 0.2892,
0.5440

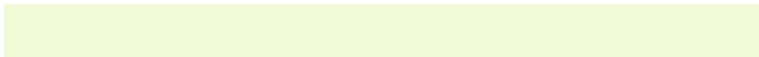
■ 72.1243, 0.2914,
0.5650

■ 71.8511, 0.2934,
0.5761

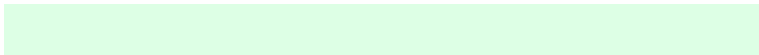
Harmonies

Analogous

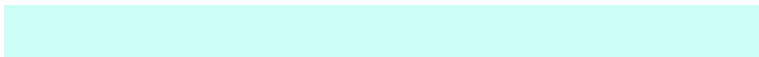
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5493, 0.3266, 0.3640



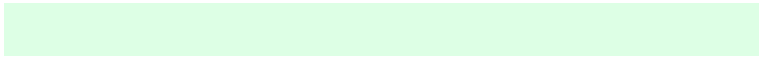
92.5493, 0.3065, 0.3559



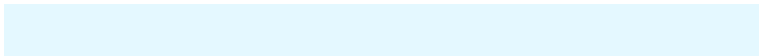
92.5493, 0.2885, 0.3398

Triad

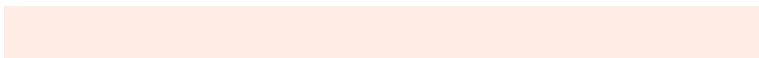
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.5493, 0.3065, 0.3559



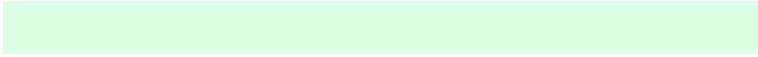
92.5493, 0.2824, 0.2966



92.5493, 0.3497, 0.3351

Complementary

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



92.5493, 0.3065, 0.3559



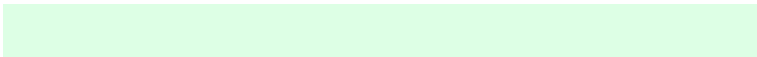
79.6415, 0.3196, 0.3035

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.



92.5493, 0.3371, 0.3181



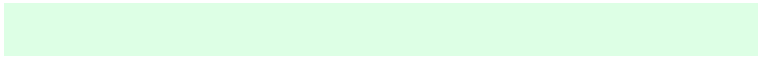
92.5493, 0.3065, 0.3559



92.5493, 0.2980, 0.2963

Square

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



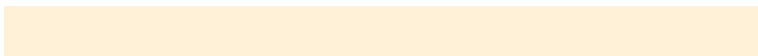
92.5493, 0.3065, 0.3559



92.5493, 0.2749, 0.3053



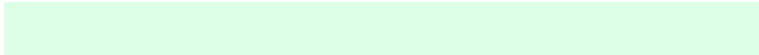
92.5493, 0.3180, 0.3041



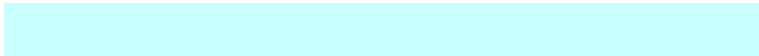
92.5493, 0.3520, 0.3511

Rectangle

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



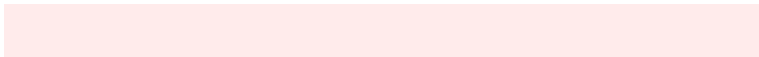
92.5493, 0.3065, 0.3559



92.5493, 0.2799, 0.3273



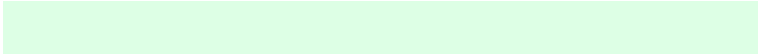
92.5493, 0.3180, 0.3041



92.5493, 0.3466, 0.3293

Sweetspot

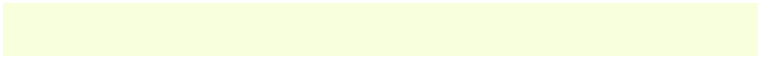
The Sweet Spot groups the original color and five complimentary colors.



92.5369, 0.3065, 0.3559



97.6254, 0.3109, 0.3366



96.5191, 0.3276, 0.3627



20.8032, 0.3105, 0.3380



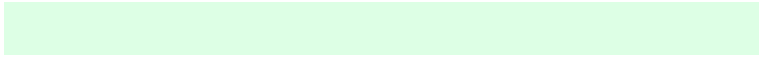
0.0000, 0.0000, 0.0000



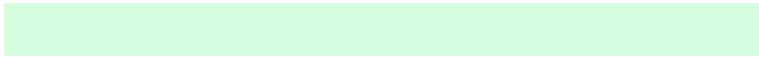
21.4041, 0.3127, 0.3290

Same Dimension

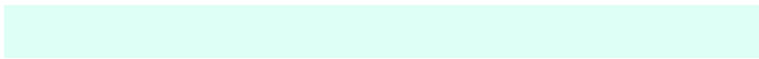
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.5369, 0.3065, 0.3559



91.2212, 0.3053, 0.3617



93.5281, 0.2972, 0.3382



20.2387, 0.3083, 0.3476



37.5628, 0.2927, 0.5736



3.6735, 0.2869, 0.5528

Inverse Universe

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



79.6415, 0.3196, 0.3035



76.0670, 0.3211, 0.2984



78.6447, 0.3310, 0.3200



18.2224, 0.3175, 0.3110



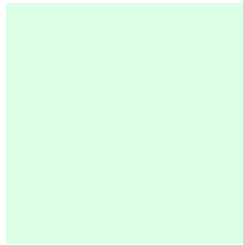
13.1813, 0.3919, 0.1933



1.3003, 0.3821, 0.1878

Previews

White Background



This preview shows how the Yxy color 92.5493, 0.3065, 0.3559 looks on a white background.

Color Contrast Check

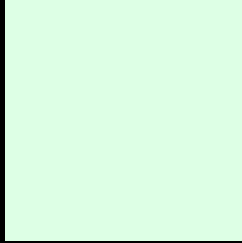
Large Text (above 18pt) WCAG AA × Fail

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 92.5493, 0.3065, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

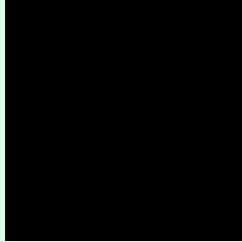
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

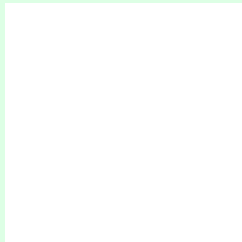
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.5493, 0.3065, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 92.5493, 0.3065, 0.3559.

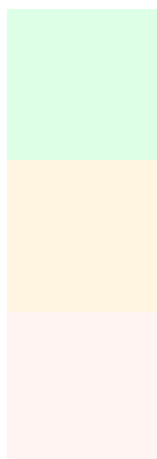


This preview shows how white text looks on a background with the Yxy color 92.5493, 0.3065, 0.3559.

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

92.5493, 0.3065, 0.3559

Protanopia

92.0011, 0.3315, 0.3487

Deuteranopia

92.3722, 0.3211, 0.3310

Tritanopia

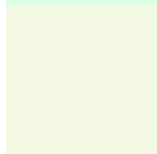
92.0923, 0.3030, 0.3211

Trichromacy



Original Color

92.5493, 0.3065, 0.3559



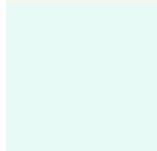
Protanomaly

92.2970, 0.3226, 0.3520



Deuteranomaly

92.3039, 0.3160, 0.3399



Tritanomaly

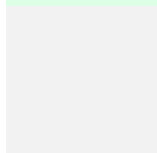
92.1808, 0.3038, 0.3330

Monochromacy



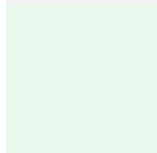
Original Color

92.5493, 0.3065, 0.3559



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 92.5493, 0.3065, 0.3559 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 229) }
```

Border

The CSS property to change the border of an element to Yxy 92.5493, 0.3065, 0.3559 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, 229) }
```

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

```
.border{ border-color:rgb(221, 255, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 92.5493, 0.3065, 0.3559 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, 229) }
```

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

```
.background{ background-color: rgb(221,  
255, 229) }
```

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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