

Converting Colors

$Yxy(92.7802, 0.3091, 0.3580)$

Have a look what the booklet for
Yxy(92.7802, 0.3091, 0.3580)
contains.

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Color

Yxy(92.7540, 0.3089, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	DFFFE3
RGB	223, 255, 227
RGB Percent	87%, 100%, 89%
CMY	0.1255, 0.0000, 0.1098
CMYK	0.13, 0.00, 0.11, 0.00
HSL	127°, 100%, 94%
HSV	127°, 13%, 100%
XYZ	80.0551, 92.7540, 86.3527
YIQ	242.2400, -10.0840, -15.4920

Conversions

Conversions Part 2

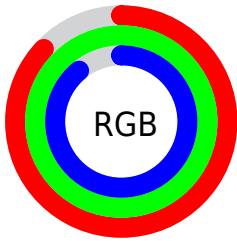
Format	Color
R _Y B	223, 251, 255
Decimal	14680035
CIE Lab	97.13, -15.43, 9.92
CIE LCh	97, 18.341, 147.252
Yxy	92.7540, 0.3089, 0.3579
Android (android.graphics.Color)	4292870115 (0xFFDFFFE3)
YUV	242.2400, -7.5133, -16.8735
Hunter-Lab	96.3089, -20.1655, 14.2555

Details

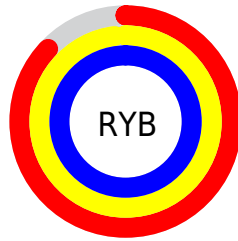
The Yxy color **92.7540, 0.3089, 0.3579** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.9995, 0.3168, 0.3017**, and the grayscale version is **89.0580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.6916, 0.3080, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **87.8501, 0.3058, 0.3843**, and if you desaturate by 10%, it is **98.4265, 0.3120, 0.3345**.

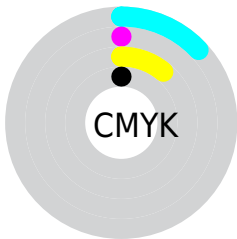
Distribution



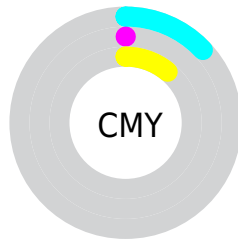
- Red (87%)
- Green (100%)
- Blue (89%)



- 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 92.7540, 0.3089, 0.3579 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 92.7540, 0.3089, 0.3579 by changing the saturation by 10% instead.

 92.7540, 0.3089,
0.3579

 92.7540, 0.3089,
0.3579


536.9494, 0.3107,
0.3448

 70.2671, 0.3085,
0.3608


151.1580, 0.3095,
0.3534

 51.7443, 0.3079,
0.3644


187.8438, 0.3098,
0.3517

 36.8013, 0.3072,
0.3689


230.0314, 0.3100,
0.3501

 25.0537, 0.3063,
0.3747

278.1051, 0.3102,
0.3488

 16.1170, 0.3051,
0.3824

332.4494, 0.3103,
0.3476

 9.6070, 0.3032,
0.3932

393.4486, 0.3105,

 5.1392, 0.3002,

0.3466

0.4096

461.4871, 0.3106,
0.3457

■ 2.3292, 0.2947,
0.4369

■ 0.7891, 0.2812,
0.5942

■ 92.7540, 0.3089,
0.3579

■ 92.7540, 0.3089,
0.3579

■ 87.8501, 0.3058,
0.3843

■ 98.4265, 0.3120,
0.3345

■ 83.6830, 0.3028,
0.4136

100.0000, 0.3127,
0.3290

■ 80.2167, 0.3000,
0.4452

■ 77.4122, 0.2977,
0.4779

■ 75.2273, 0.2960,
0.5102

■ 73.6143, 0.2953,
0.5399

■ 72.5189, 0.2956,
0.5648

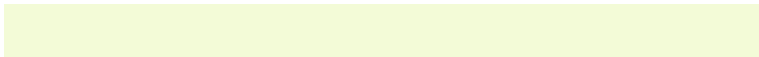
■ 71.8758, 0.2967,
0.5832

■ 71.6235, 0.2979,
0.5923

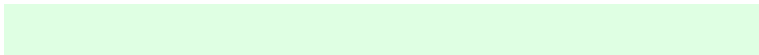
Harmonies

Analogous

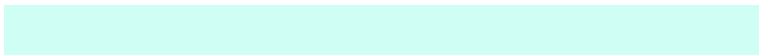
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7540, 0.3293, 0.3649



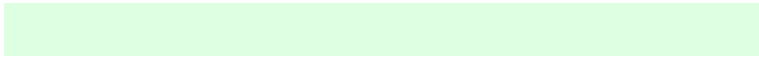
92.7540, 0.3089, 0.3579



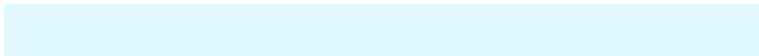
92.7540, 0.2900, 0.3423

Triad

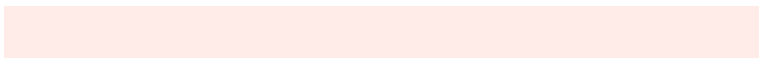
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.7540, 0.3089, 0.3579



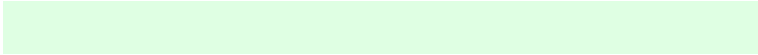
92.7540, 0.2805, 0.2967



92.7540, 0.3493, 0.3330

Complementary

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



92.7540, 0.3089, 0.3579



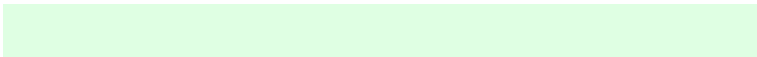
80.9995, 0.3168, 0.3017

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.



92.7540, 0.3354, 0.3159



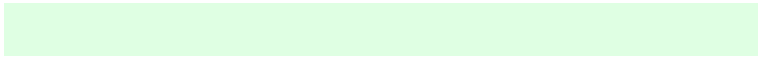
92.7540, 0.3089, 0.3579



92.7540, 0.2955, 0.2954

Square

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



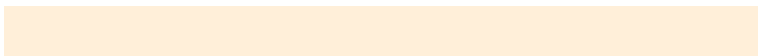
92.7540, 0.3089, 0.3579



92.7540, 0.2740, 0.3066



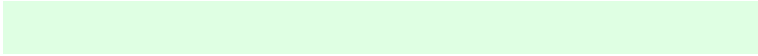
92.7540, 0.3155, 0.3024



92.7540, 0.3530, 0.3496

Rectangle

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



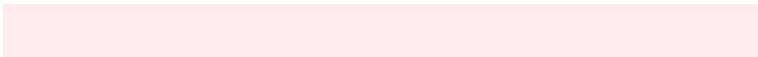
92.7540, 0.3089, 0.3579



92.7540, 0.2807, 0.3296



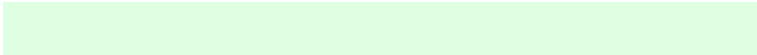
92.7540, 0.3155, 0.3024



92.7540, 0.3457, 0.3271

Sweetspot

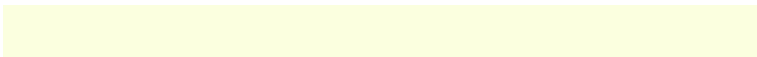
The Sweet Spot groups the original color and five complimentary colors.



92.7535, 0.3089, 0.3579



97.5549, 0.3115, 0.3377



97.4064, 0.3291, 0.3604



20.7854, 0.3113, 0.3394



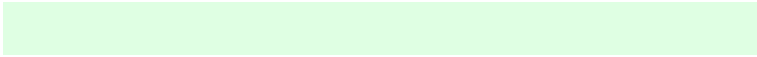
0.0000, 0.0000, 0.0000



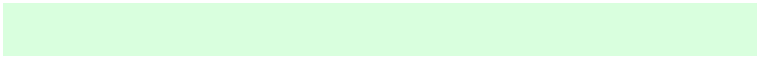
21.4041, 0.3127, 0.3290

Same Dimension

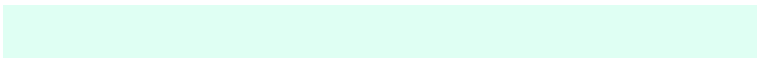
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.7535, 0.3089, 0.3579



91.4821, 0.3081, 0.3641



93.6626, 0.3001, 0.3414



20.2051, 0.3098, 0.3504



37.4362, 0.2974, 0.5907



3.6561, 0.2931, 0.5753

Inverse Universe

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



80.9995, 0.3168, 0.3017



77.6730, 0.3176, 0.2963



80.0478, 0.3272, 0.3169



18.2590, 0.3157, 0.3085



13.9121, 0.3553, 0.1731



1.3651, 0.3508, 0.1706

Previews

White Background



This preview shows how the Yxy color 92.7540, 0.3089, 0.3579 looks on a white background.

Color Contrast Check

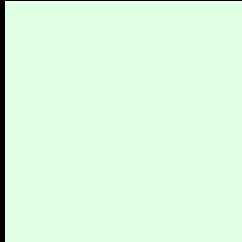
Large Text (above 18pt) WCAG AA × Fail

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 92.7540, 0.3089, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

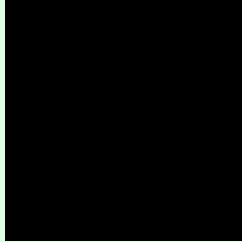
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

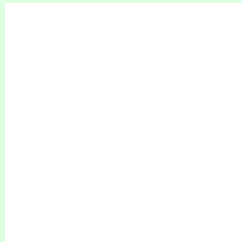
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.7540, 0.3089, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 92.7540, 0.3089, 0.3579.

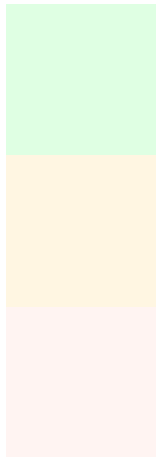


This preview shows how white text looks on a background with the Yxy color 92.7540, 0.3089, 0.3579.

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

92.7540, 0.3089, 0.3579

Protanopia

92.6625, 0.3308, 0.3486

Deuteranopia

92.3722, 0.3211, 0.3310



Tritanopia

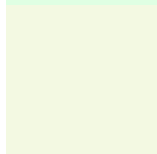
92.2668, 0.3036, 0.3211

Trichromacy



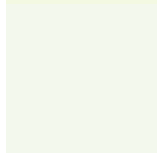
Original Color

92.7540, 0.3089, 0.3579



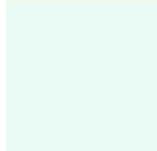
Protanomaly

92.2970, 0.3226, 0.3520



Deuteranomaly

92.3039, 0.3160, 0.3399



Tritanomaly

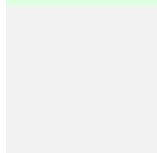
92.4562, 0.3056, 0.3340

Monochromacy



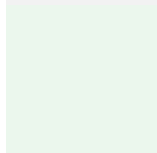
Original Color

92.7540, 0.3089, 0.3579



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.2981, 0.3110, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.7540, 0.3089, 0.3579 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(223, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 227)  
}
```

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(223, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 227) }
```

Border

The CSS property to change the border of an element to Yxy 92.7540, 0.3089, 0.3579 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(223, 255, 227) }
```

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

```
.border{ border-color:rgb(223, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7540, 0.3089, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 227) }
```

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

```
.background{ background-color: rgb(223,  
255, 227) }
```

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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