

Converting Colors

$Yxy(93.1134, 0.3084, 0.3552)$

Have a look what the booklet for
Yxy(93.1134, 0.3084, 0.3552)
contains.

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Color

Yxy(93.0244, 0.3084, 0.3557)

Conversions

Conversions Part 1

Format	Color
Hex	E0FFE5
RGB	224, 255, 229
RGB Percent	88%, 100%, 90%
CMY	0.1214, 0.0000, 0.1019
CMYK	0.12, 0.00, 0.10, 0.00
HSL	130°, 100%, 94%
HSV	130°, 12%, 100%
XYZ	80.6543, 93.0244, 87.8462
YIQ	242.7670, -10.1300, -14.6580

Conversions

Conversions Part 2

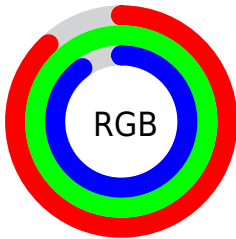
Format	Color
RYB	224, 251, 255
Decimal	14745573
CIELab	97.24, -14.72, 9.05
CIELCh	97, 17.282, 148.425
Yxy	93.0244, 0.3084, 0.3557
Android (android.graphics.Color)	4292935653 (0xFFE0FFE5)
YUV	242.7670, -6.7871, -16.4587
Hunter-Lab	96.4492, -19.5179, 13.5129

Details

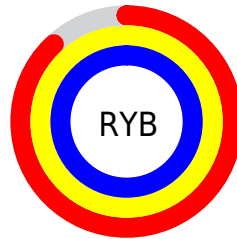
The Yxy color **93.0244, 0.3084, 0.3557** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.4952, 0.3174, 0.3037**, and the grayscale version is **89.5023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.8792, 0.3073, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **88.1312, 0.3048, 0.3809**, and if you desaturate by 10%, it is **98.6838, 0.3120, 0.3334**.

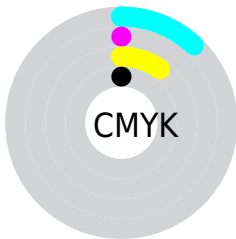
Distribution



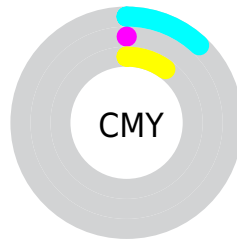
- Red (88%)
- Green (100%)
- Blue (90%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.0244, 0.3084, 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 93.0244, 0.3084, 0.3557 by changing the saturation by 10% instead.

 93.0244, 0.3084,
0.3557

 93.0244, 0.3084,
0.3557

537.8208, 0.3104,
0.3436

 70.4918, 0.3079,
0.3584

151.5324, 0.3091,
0.3516

 51.9276, 0.3073,
0.3617

188.2766, 0.3094,
0.3500

 36.9473, 0.3066,
0.3658


230.5267, 0.3096,
0.3485

 25.1667, 0.3056,
0.3711

278.6672, 0.3098,
0.3473

 16.2013, 0.3043,
0.3782

333.0825, 0.3100,
0.3462

 9.6667, 0.3023,
0.3881

394.1569, 0.3102,

 5.1785, 0.2993,

0.3453

0.4031

462.2749, 0.3103,
0.3444

■ 2.3524, 0.2938,
0.4280

■ 0.8012, 0.2786,
0.5552

■ 93.0244, 0.3084,
0.3557

■ 93.0244, 0.3084,
0.3557

■ 88.1312, 0.3048,
0.3809

■ 98.6838, 0.3120,
0.3334

■ 83.9600, 0.3013,
0.4088

99.9963, 0.3127,
0.3290

■ 80.4799, 0.2982,
0.4390

■ 77.6532, 0.2956,
0.4706

■ 75.4386, 0.2939,
0.5021

■ 73.7900, 0.2932,
0.5316

■ 72.6546, 0.2936,
0.5572

■ 71.9694, 0.2951,
0.5771

■ 71.6765, 0.2967,
0.5882

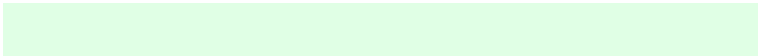
Harmonies

Analogous

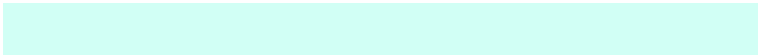
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0244, 0.3276, 0.3627



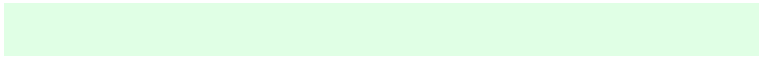
93.0244, 0.3084, 0.3557



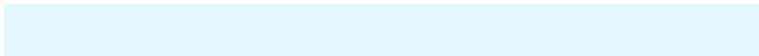
93.0244, 0.2908, 0.3408

Triad

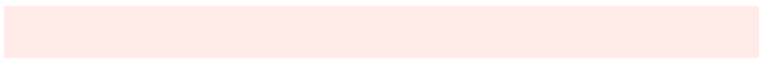
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.0244, 0.3084, 0.3557



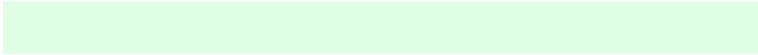
93.0244, 0.2827, 0.2983



93.0244, 0.3475, 0.3334

Complementary

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



93.0244, 0.3084, 0.3557



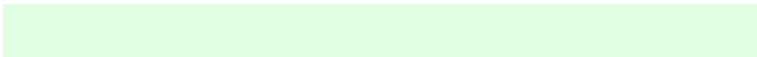
81.4952, 0.3174, 0.3037

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.



93.0244, 0.3347, 0.3173



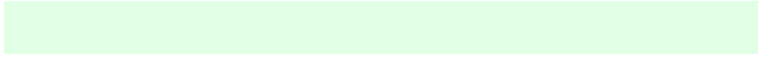
93.0244, 0.3084, 0.3557



93.0244, 0.2972, 0.2974

Square

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



93.0244, 0.3084, 0.3557



93.0244, 0.2762, 0.3074



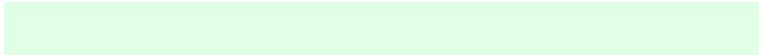
93.0244, 0.3162, 0.3043



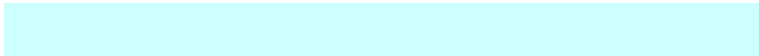
93.0244, 0.3506, 0.3490

Rectangle

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



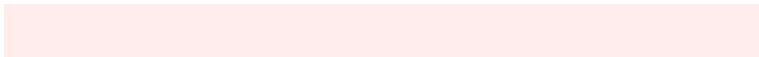
93.0244, 0.3084, 0.3557



93.0244, 0.2821, 0.3289



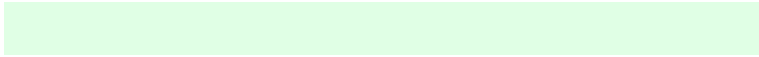
93.0244, 0.3162, 0.3043



93.0244, 0.3442, 0.3279

Sweetspot

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



93.0284, 0.3084, 0.3557



97.5774, 0.3113, 0.3373



97.2893, 0.3279, 0.3594



20.7911, 0.3110, 0.3390



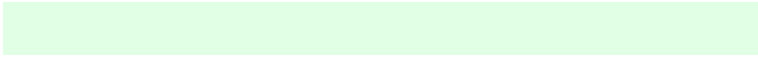
0.0000, 0.0000, 0.0000



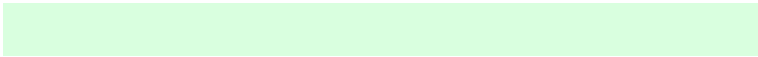
21.4041, 0.3127, 0.3290

Same Dimension

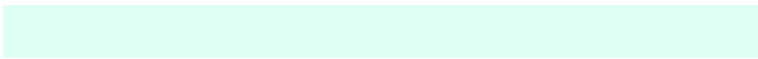
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.0284, 0.3084, 0.3557



91.5559, 0.3074, 0.3626



93.9115, 0.3000, 0.3399



20.2158, 0.3093, 0.3495



37.4684, 0.2962, 0.5862



3.6611, 0.2913, 0.5686

Inverse Universe

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



81.4952, 0.3174, 0.3037



77.5870, 0.3186, 0.2976



80.5830, 0.3274, 0.3183



18.2472, 0.3163, 0.3093



13.6640, 0.3664, 0.1792



1.3433, 0.3603, 0.1759

Previews

White Background



This preview shows how the Yxy color 93.0244, 0.3084, 0.3557 looks on a white background.

Color Contrast Check

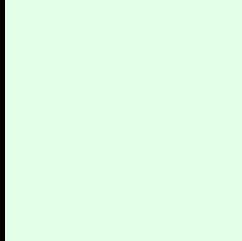
Large Text (above 18pt) WCAG AA × Fail

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 93.0244, 0.3084, 0.3557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

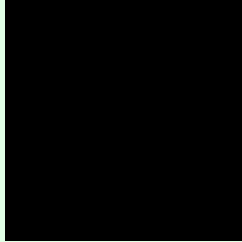
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

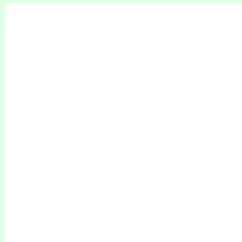
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.0244, 0.3084, 0.3557

Background



This preview shows how black text looks on a background with the Yxy color 93.0244, 0.3084, 0.3557.

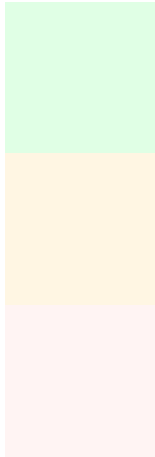


This preview shows how white text looks on a background with the Yxy color 93.0244, 0.3084, 0.3557.

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

93.0244, 0.3084, 0.3557

Protanopia

92.7176, 0.3302, 0.3476

Deuteranopia

92.4324, 0.3205, 0.3300

Tritanopia

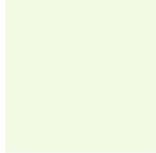
93.0556, 0.3042, 0.3221

Trichromacy



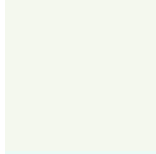
Original Color

93.0244, 0.3084, 0.3557



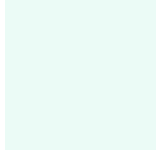
Protanomaly

92.5859, 0.3220, 0.3500



Deuteranomaly

92.5409, 0.3161, 0.3389



Tritanomaly

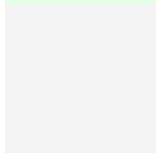
93.3103, 0.3056, 0.3340

Monochromacy



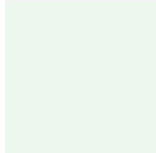
Original Color

93.0244, 0.3084, 0.3557



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.5274, 0.3110, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0244, 0.3084, 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(224, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 229) }
```

Border

The CSS property to change the border of an element to Yxy 93.0244, 0.3084, 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(224, 255, 229) }
```

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

```
.border{ border-color:rgb(224, 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(224, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0244, 0.3084, 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(224, 255, 229) }
```

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

```
.background{ background-color: rgb(224,  
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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