

Converting Colors

$Yxy(92.9369, 0.3060, 0.3530)$

Have a look what the booklet for
Yxy(92.9369, 0.3060, 0.3530)
contains.

Yxy(93.0342, 0.3061, 0.3526)	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(93.0342, 0.3061, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	DFFFE8
RGB	223, 255, 232
RGB Percent	87%, 100%, 91%
CMY	0.1254, 0.0000, 0.0901
CMYK	0.13, 0.00, 0.09, 0.00
HSL	137°, 100%, 94%
HSV	137°, 13%, 100%
XYZ	80.7651, 93.0342, 90.0527
YIQ	242.8100, -11.6890, -13.9370

Conversions

Conversions Part 2

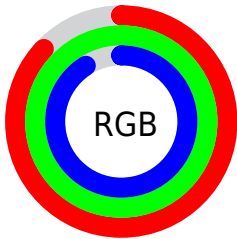
Format	Color
R _Y B	223, 248, 255
Decimal	14680040
CIE Lab	97.24, -14.52, 7.51
CIE LCh	97, 16.351, 152.657
Yxy	93.0342, 0.3061, 0.3526
Android (android.graphics.Color)	4292870120 (0xFFDFFFEE8)
YUV	242.8100, -5.3293, -17.3734
Hunter-Lab	96.4542, -19.3296, 12.1630

Details

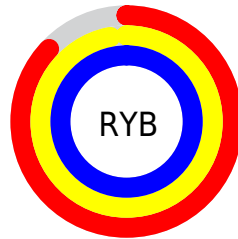
The Yxy color **93.0342, 0.3061, 0.3526** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.7067, 0.3200, 0.3065**, and the grayscale version is **89.5260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.8476, 0.3051, 0.3581** is the 20% darker color. If you saturate the color by 10%, you get **88.2990, 0.3009, 0.3741**, and if you desaturate by 10%, it is **98.4959, 0.3114, 0.3335**.

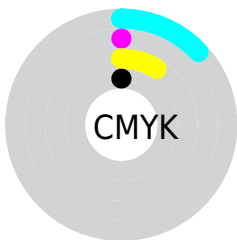
Distribution



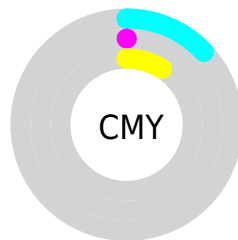
- Red (87%)
- Green (100%)
- Blue (91%)



- Red (87%)
- Yellow (97%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.0342, 0.3061, 0.3526 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 93.0342, 0.3061, 0.3526 by changing the saturation by 10% instead.

 93.0342, 0.3061,
0.3526

 93.0342, 0.3061,
0.3526


537.8523, 0.3091,
0.3420

 70.4999, 0.3054,
0.3550


151.5460, 0.3071,
0.3490

 51.9342, 0.3046,
0.3579


188.2922, 0.3076,
0.3475

 36.9526, 0.3035,
0.3615


230.5446, 0.3079,
0.3463

 25.1708, 0.3022,
0.3662

278.6876, 0.3082,
0.3452

 16.2044, 0.3003,
0.3724

333.1054, 0.3085,
0.3443

 9.6689, 0.2977,
0.3811

394.1826, 0.3087,

 5.1800, 0.2937,

0.3434

0.3942

462.3034, 0.3089,
0.3426

■ 2.3532, 0.2869,
0.4159

■ 0.8017, 0.2617,
0.5149

■ 93.0342, 0.3061,
0.3526

■ 93.0342, 0.3061,
0.3526

■ 88.2990, 0.3009,
0.3741

■ 98.4959, 0.3114,
0.3335

■ 84.2481, 0.2960,
0.3979

99.9982, 0.3127,
0.3290

■ 80.8527, 0.2917,
0.4238

■ 78.0773, 0.2882,
0.4512

■ 75.8831, 0.2860,
0.4791

■ 74.2267, 0.2852,
0.5064

■ 73.0582, 0.2860,
0.5317

■ 72.3181, 0.2884,
0.5536

■ 71.9814, 0.2909,
0.5672

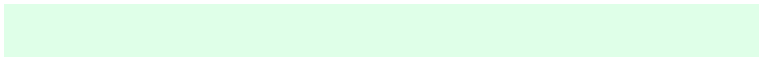
Harmonies

Analogous

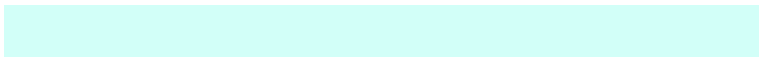
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0342, 0.3244, 0.3605



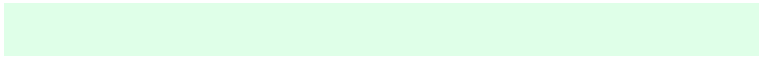
93.0342, 0.3061, 0.3526



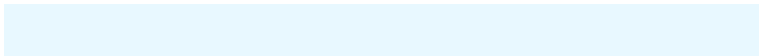
93.0342, 0.2900, 0.3379

Triad

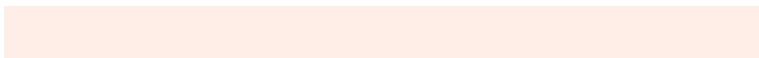
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.0342, 0.3061, 0.3526



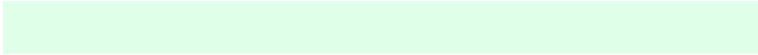
93.0342, 0.2859, 0.2994



93.0342, 0.3466, 0.3355

Complementary

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



93.0342, 0.3061, 0.3526



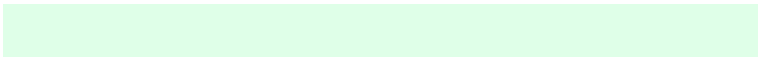
80.7067, 0.3200, 0.3065

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.



93.0342, 0.3357, 0.3200



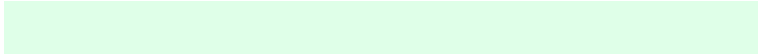
93.0342, 0.3061, 0.3526



93.0342, 0.3004, 0.2995

Square

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



93.0342, 0.3061, 0.3526



93.0342, 0.2785, 0.3070



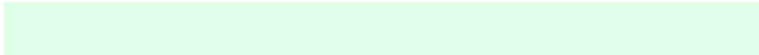
93.0342, 0.3186, 0.3070



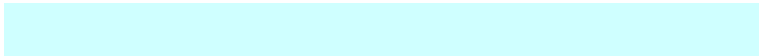
93.0342, 0.3481, 0.3498

Rectangle

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



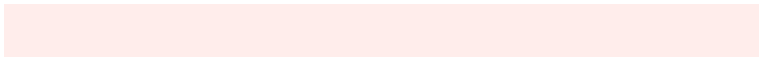
93.0342, 0.3061, 0.3526



93.0342, 0.2824, 0.3265



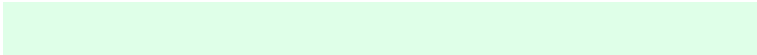
93.0342, 0.3186, 0.3070



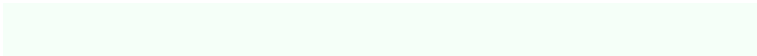
93.0342, 0.3439, 0.3302

Sweetspot

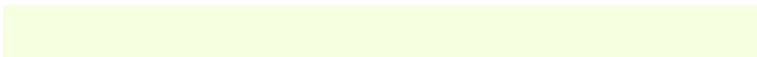
The Sweet Spot groups the original color and five complimentary colors.



93.0381, 0.3061, 0.3526



97.6531, 0.3106, 0.3361



96.5261, 0.3260, 0.3606



20.8102, 0.3102, 0.3375



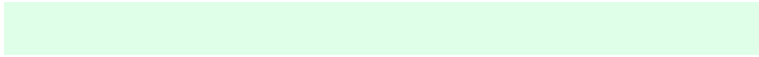
0.0000, 0.0000, 0.0000



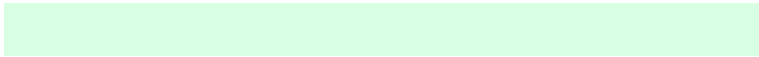
21.4041, 0.3127, 0.3290

Same Dimension

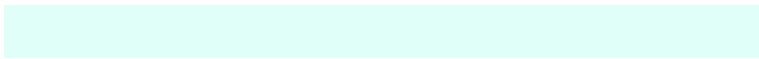
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.0381, 0.3061, 0.3526



91.8069, 0.3048, 0.3577



93.9599, 0.2975, 0.3365



20.2521, 0.3077, 0.3466



37.6346, 0.2901, 0.5644



3.6820, 0.2840, 0.5425

Inverse Universe

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



80.7067, 0.3200, 0.3065



77.3040, 0.3217, 0.3019



79.7926, 0.3305, 0.3216



18.2082, 0.3181, 0.3121



12.9298, 0.4078, 0.2020



1.2776, 0.3955, 0.1952

Previews

White Background



This preview shows how the Yxy color 93.0342, 0.3061, 0.3526 looks on a white background.

Color Contrast Check

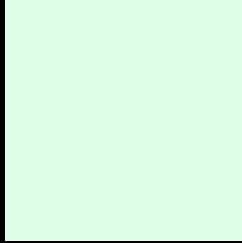
Large Text (above 18pt) WCAG AA × Fail

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 93.0342, 0.3061, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

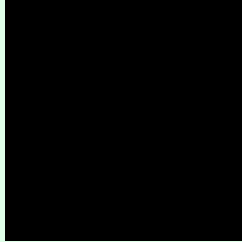
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

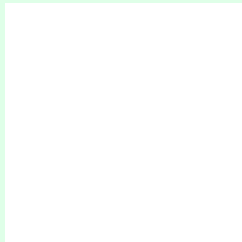
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.0342, 0.3061, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 93.0342, 0.3061, 0.3526.

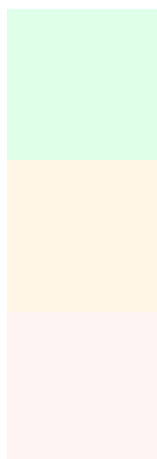


This preview shows how white text looks on a background with the Yxy color 93.0342, 0.3061, 0.3526.

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

93.0342, 0.3061, 0.3526

Protanopia

92.8287, 0.3289, 0.3457

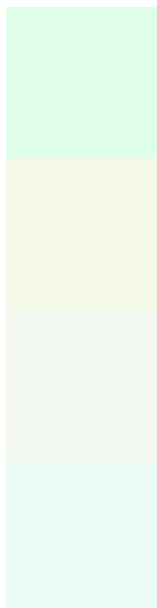
Deuteranopia

92.4930, 0.3199, 0.3290

Tritanopia

93.0556, 0.3042, 0.3221

Trichromacy



Original Color

93.0342, 0.3061, 0.3526

Protanomaly

92.5192, 0.3202, 0.3480

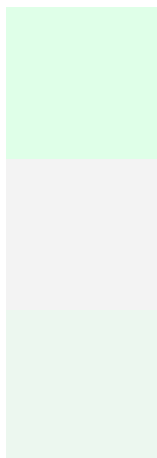
Deuteranomaly

92.4808, 0.3143, 0.3369

Tritanomaly

93.2022, 0.3044, 0.3330

Monochromacy



Original Color

93.0342, 0.3061, 0.3526

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.5864, 0.3104, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0342, 0.3061, 0.3526 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 232) }
```

Border

The CSS property to change the border of an element to Yxy 93.0342, 0.3061, 0.3526 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, 232) }
```

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

```
.border{ border-color:rgb(223, 255, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0342, 0.3061, 0.3526 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, 232) }
```

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

```
.background{ background-color: rgb(223,  
255, 232) }
```

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