

# Converting Colors

Yxy(181.4482, 0.3047, 0.4509)

Have a look what the booklet for  
Yxy(181.4482, 0.3047, 0.4509)  
contains.

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# Color

**Yxy(91.5994, 0.3075, 0.3625)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9FFDF
RGB	217, 255, 223
RGB Percent	85%, 100%, 87%
CMY	0.1489, 0.0000, 0.1255
CMYK	0.15, 0.00, 0.13, 0.00
HSL	129°, 100%, 93%
HSV	129°, 15%, 100%
XYZ	77.7016, 91.5994, 83.3870
YIQ	239.9900, -12.3760, -18.0080

# Conversions

## Conversions Part 2

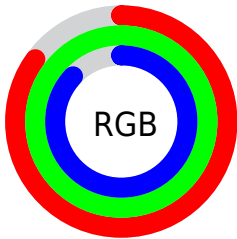
Format	Color
R <sub>Y</sub> B	217, 250, 255
Decimal	14286815
CIE Lab	96.66, -18.07, 11.25
CIE LCh	97, 21.285, 148.085
Yxy	91.5994, 0.3075, 0.3625
Android (android.graphics.Color)	4292476895 (0xFFD9FFDF)
YUV	239.9900, -8.3761, -20.1622
Hunter-Lab	95.7076, -22.5705, 15.3378

# Details

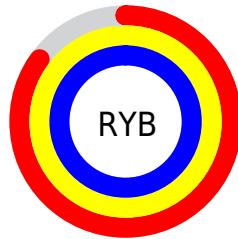
The Yxy color **91.5994, 0.3075, 0.3625** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.7487, 0.3184, 0.2977**, and the grayscale version is **87.2102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.8967, 0.3062, 0.3696** is the 20% darker color. If you saturate the color by 10%, you get **86.9048, 0.3040, 0.3886**, and if you desaturate by 10%, it is **97.0529, 0.3110, 0.3393**.

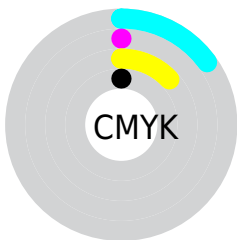
# Distribution



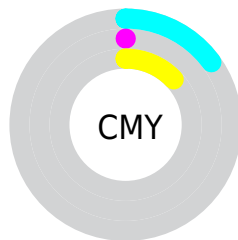
- Red (85%)
- Green (100%)
- Blue (87%)



- Red (85%)
- Yellow (98%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)




- Cyan (15%)
- Magenta (0%)
- Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 91.5994, 0.3075, 0.3625 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 91.5994, 0.3075, 0.3625 by changing the saturation by 10% instead.



 91.5994, 0.3075,  
0.3625

 91.5994, 0.3075,  
0.3625

533.2200, 0.3100,  
0.3473

 69.3079, 0.3069,  
0.3659


149.5581, 0.3084,  
0.3573

 50.9625, 0.3062,  
0.3701


185.9940, 0.3087,  
0.3552

 36.1788, 0.3052,  
0.3754


227.9136, 0.3090,  
0.3534

 24.5723, 0.3040,  
0.3822

275.7013, 0.3093,  
0.3519

 15.7587, 0.3022,  
0.3914

329.7414, 0.3095,  
0.3505

 9.3536, 0.2996,  
0.4043

390.4182, 0.3097,

 4.9725, 0.2955,

0.3493

0.4240

458.1163, 0.3098,  
0.3482

■ 2.2311, 0.2878,  
0.4572

■ 0.7369, 0.2563,  
0.7282

■ 91.5994, 0.3075,  
0.3625

■ 91.5994, 0.3075,  
0.3625

■ 86.9048, 0.3040,  
0.3886

■ 97.0529, 0.3110,  
0.3393

■ 82.9242, 0.3006,  
0.4174

99.9983, 0.3127,  
0.3290

■ 79.6259, 0.2977,  
0.4482

■ 76.9713, 0.2953,  
0.4801

■ 74.9176, 0.2938,  
0.5113

■ 73.4172, 0.2934,  
0.5400

■ 72.4147, 0.2942,  
0.5641

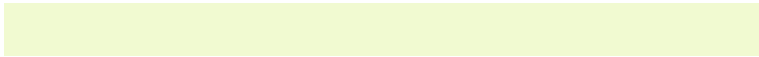
■ 71.8428, 0.2959,  
0.5820

■ 71.6712, 0.2969,  
0.5887

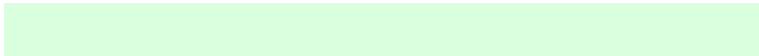
# Harmonies

## Analogous

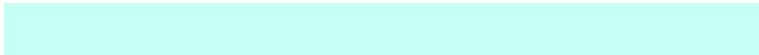
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.5994, 0.3312, 0.3710



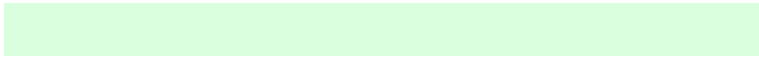
91.5994, 0.3075, 0.3625



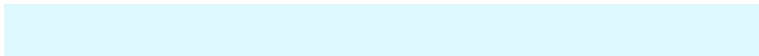
91.5994, 0.2858, 0.3439

# Triad

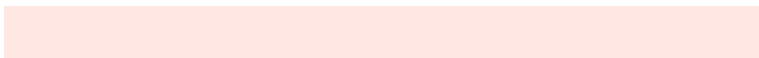
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.5994, 0.3075, 0.3625



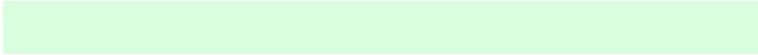
91.5994, 0.2756, 0.2912



91.5994, 0.3557, 0.3340

# Complementary

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



91.5994, 0.3075, 0.3625



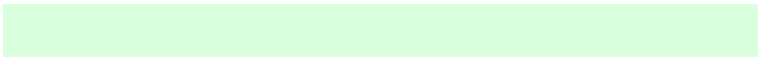
77.7487, 0.3184, 0.2977

# 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.



91.5994, 0.3397, 0.3143



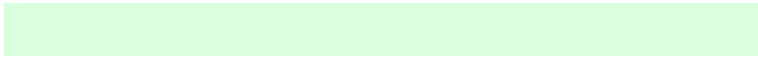
91.5994, 0.3075, 0.3625



91.5994, 0.2932, 0.2901

# Square

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



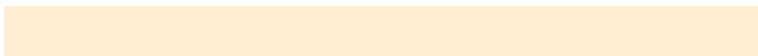
91.5994, 0.3075, 0.3625



91.5994, 0.2678, 0.3023



91.5994, 0.3166, 0.2985

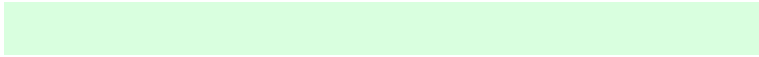


91.5994, 0.3597, 0.3533



# Rectangle

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



91.5994, 0.3075, 0.3625



91.5994, 0.2751, 0.3289



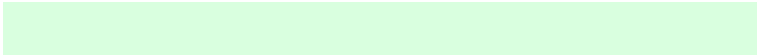
91.5994, 0.3166, 0.2985



91.5994, 0.3516, 0.3273

# Sweetspot

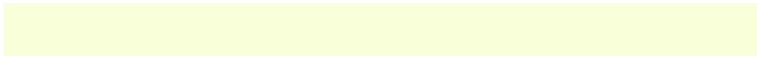
The Sweet Spot groups the original color and five complimentary colors.



91.6033, 0.3075, 0.3625



97.5748, 0.3113, 0.3374



96.7258, 0.3314, 0.3665



20.7904, 0.3111, 0.3390



0.0000, 0.0000, 0.0000

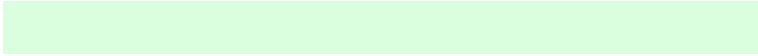


21.4041, 0.3127, 0.3290

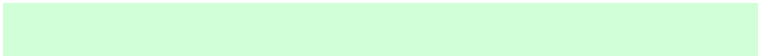


# Same Dimension

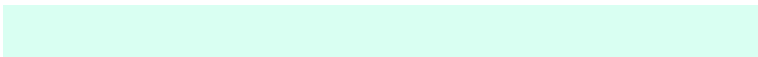
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.6033, 0.3075, 0.3625



90.0629, 0.3064, 0.3703



92.6698, 0.2972, 0.3426



20.2146, 0.3094, 0.3497



37.4643, 0.2963, 0.5868



3.6605, 0.2915, 0.5694



# Inverse Universe

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



77.7487, 0.3184, 0.2977



73.6754, 0.3197, 0.2909



76.6375, 0.3313, 0.3158



18.2486, 0.3162, 0.3092



13.6921, 0.3651, 0.1785



1.3457, 0.3592, 0.1752



# Previews

## White Background



This preview shows how the Yxy color 91.5994, 0.3075, 0.3625 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

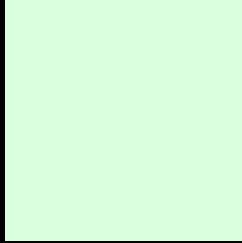
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 91.5994, 0.3075, 0.3625 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

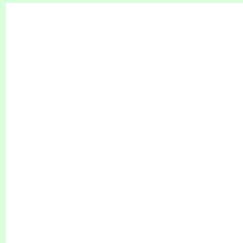
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 91.5994, 0.3075, 0.3625**

## **Background**



This preview shows how black text looks on a background with the Yxy color 91.5994, 0.3075, 0.3625.

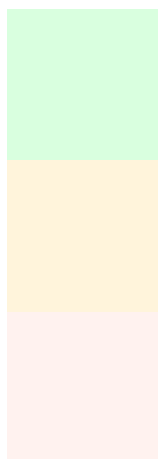


This preview shows how white text looks on a background with the Yxy color 91.5994, 0.3075, 0.3625.

# 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

91.5994, 0.3075, 0.3625

### Protanopia

91.0758, 0.3354, 0.3537

### Deuteranopia

90.9963, 0.3231, 0.3320



## Tritanopia

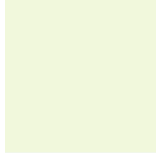
91.1361, 0.3018, 0.3201

# Trichromacy



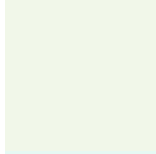
## Original Color

91.5994, 0.3075, 0.3625



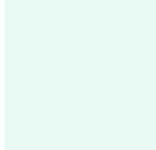
## Protanomaly

91.0029, 0.3250, 0.3573



## Deuteranomaly

91.1055, 0.3172, 0.3430



## Tritanomaly

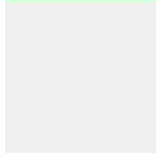
91.0454, 0.3043, 0.3350

# Monochromacy



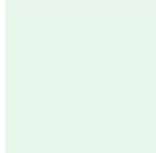
## Original Color

91.5994, 0.3075, 0.3625



## Achromatopsia

87.1367, 0.3127, 0.3290



## Achromatomaly

88.4011, 0.3109, 0.3402

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 91.5994, 0.3075, 0.3625 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(217, 255, 223)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 223)  
}
```

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(217, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 223) }
```

## Border

The CSS property to change the border of an element to Yxy 91.5994, 0.3075, 0.3625 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(217, 255, 223) }
```

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

```
.border{ border-color:rgb(217, 255, 223) }
```

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

Here you see how a box with a 4 pixel rgb(217, 255, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
223) }
```



# Background

The CSS property to change the background color of an element to Yxy 91.5994, 0.3075, 0.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 223) }
```

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

```
.background{ background-color: rgb(217,  
255, 223) }
```

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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