

Converting Colors

Yxy(91.6581, 0.3087, 0.3639)

Have a look what the booklet for
Yxy(91.6581, 0.3087, 0.3639)
contains.

Yxy(91.6994, 0.3086, 0.3635)	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(91.6994, 0.3086, 0.3635)

Conversions

Conversions Part 1

Format	Color
Hex	DAFFDE
RGB	218, 255, 222
RGB Percent	85%, 100%, 87%
CMY	0.1453, 0.0000, 0.1293
CMYK	0.15, 0.00, 0.13, 0.00
HSL	127°, 100%, 93%
HSV	127°, 15%, 100%
XYZ	77.8499, 91.6994, 82.7187
YIQ	240.1750, -11.4590, -18.1070

Conversions

Conversions Part 2

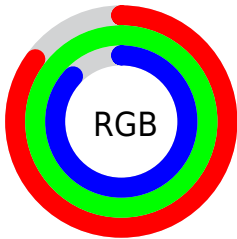
Format	Color
R_{YB}	218, 251, 255
Decimal	14352350
CIE _{Lab}	96.70, -17.95, 11.81
CIE _{LCh}	97, 21.486, 146.645
Yxy	91.6994, 0.3086, 0.3635
Android (android.graphics.Color)	4292542430 (0xFFDAFFDE)
YUV	240.1750, -8.9603, -19.4475
Hunter-Lab	95.7598, -22.4644, 15.8163

Details

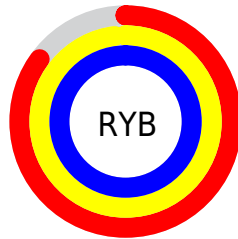
The Yxy color **91.6994, 0.3086, 0.3635** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.3394, 0.3171, 0.2968**, and the grayscale version is **87.3498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9647, 0.3077, 0.3709** is the 20% darker color. If you saturate the color by 10%, you get **86.9244, 0.3057, 0.3910**, and if you desaturate by 10%, it is **97.2311, 0.3115, 0.3391**.

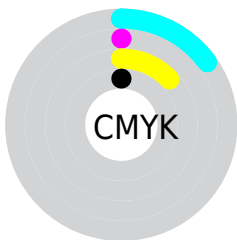
Distribution



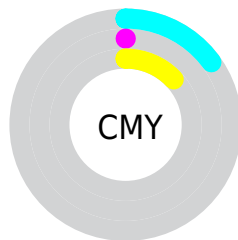
- Red (85%)
- Green (100%)
- Blue (87%)



- 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 91.6994, 0.3086, 0.3635 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 91.6994, 0.3086, 0.3635 by changing the saturation by 10% instead.


 91.6994, 0.3086,
0.3635

 91.6994, 0.3086,
0.3635


533.5436, 0.3106,
0.3478

 69.3910, 0.3081,
0.3670


149.6967, 0.3093,
0.3581

 51.0302, 0.3075,
0.3714

186.1544, 0.3096,
0.3560

 36.2326, 0.3067,
0.3768


228.0973, 0.3098,
0.3542

 24.6139, 0.3056,
0.3838

275.9097, 0.3100,
0.3526

 15.7896, 0.3041,
0.3933

329.9762, 0.3102,
0.3512

 9.3754, 0.3019,
0.4066

390.6811, 0.3104,

 4.9869, 0.2982,

0.3499

0.4268

458.4087, 0.3105,
0.3488

■ 2.2396, 0.2912,
0.4610

■ 0.7414, 0.2645,
0.7355

■ 91.6994, 0.3086,
0.3635

■ 91.6994, 0.3086,
0.3635

■ 86.9244, 0.3057,
0.3910

■ 97.2311, 0.3115,
0.3391

■ 82.8898, 0.3029,
0.4213

100.0000, 0.3127,
0.3290

■ 79.5532, 0.3003,
0.4538

■ 76.8747, 0.2982,
0.4870

■ 74.8105, 0.2967,
0.5192

■ 73.3114, 0.2961,
0.5481

■ 72.3206, 0.2965,
0.5715

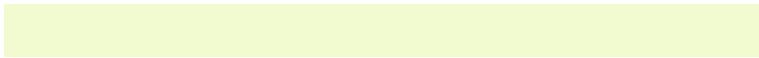
■ 71.7691, 0.2976,
0.5879

■ 71.6039, 0.2983,
0.5937

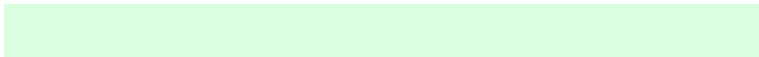
Harmonies

Analogous

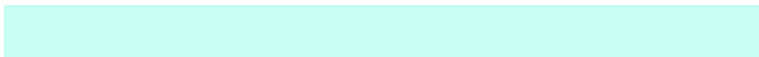
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6994, 0.3325, 0.3715



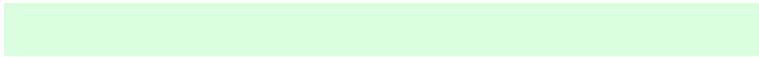
91.6994, 0.3086, 0.3635



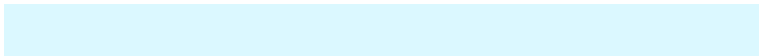
91.6994, 0.2864, 0.3451

Triad

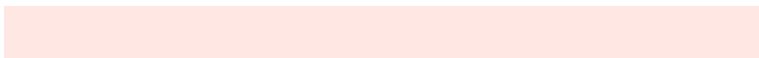
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.6994, 0.3086, 0.3635



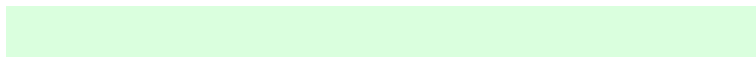
91.6994, 0.2747, 0.2912



91.6994, 0.3556, 0.3331

Complementary

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



91.6994, 0.3086, 0.3635



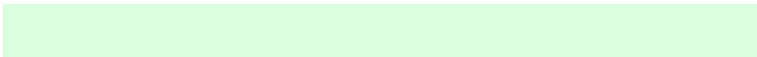
78.3394, 0.3171, 0.2968

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.



91.6994, 0.3390, 0.3133



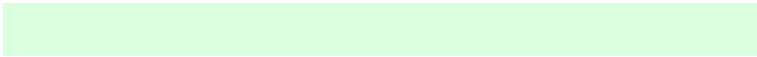
91.6994, 0.3086, 0.3635



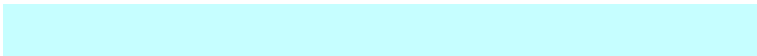
91.6994, 0.2920, 0.2896

Square

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



91.6994, 0.3086, 0.3635



91.6994, 0.2673, 0.3028



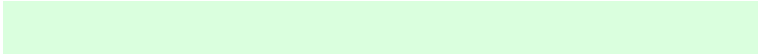
91.6994, 0.3155, 0.2977



91.6994, 0.3602, 0.3527

Rectangle

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



91.6994, 0.3086, 0.3635



91.6994, 0.2754, 0.3300



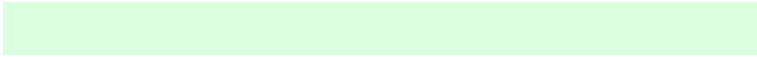
91.6994, 0.3155, 0.2977



91.6994, 0.3512, 0.3263

Sweetspot

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



91.6934, 0.3086, 0.3635



97.5455, 0.3116, 0.3378



97.1437, 0.3322, 0.3654



20.7830, 0.3114, 0.3396



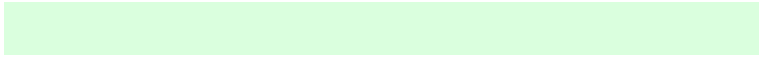
0.0000, 0.0000, 0.0000



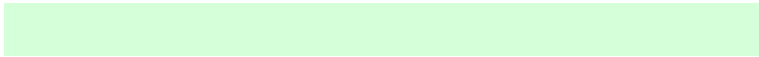
21.4041, 0.3127, 0.3290

Same Dimension

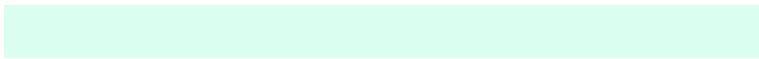
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.6934, 0.3086, 0.3635



90.4443, 0.3079, 0.3700



92.7203, 0.2985, 0.3442



20.2006, 0.3100, 0.3508



37.4249, 0.2979, 0.5923



3.6540, 0.2939, 0.5781

Inverse Universe

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



78.3394, 0.3171, 0.2968



75.0892, 0.3179, 0.2912



77.2489, 0.3295, 0.3143



18.2640, 0.3155, 0.3081



14.0202, 0.3508, 0.1706



1.3745, 0.3469, 0.1685

Previews

White Background



This preview shows how the Yxy color 91.6994, 0.3086, 0.3635 looks on a white background.

Color Contrast Check

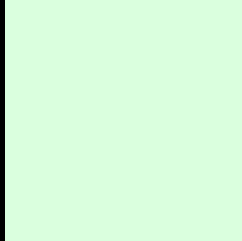
Large Text (above 18pt) WCAG AA × Fail

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 91.6994, 0.3086, 0.3635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

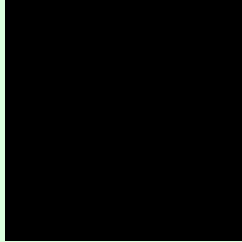
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

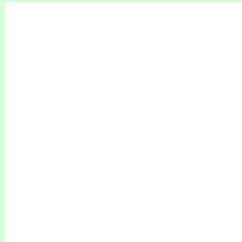
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.6994, 0.3086, 0.3635

Background



This preview shows how black text looks on a background with the Yxy color 91.6994, 0.3086, 0.3635.

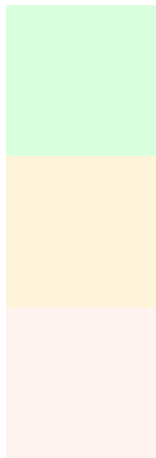


This preview shows how white text looks on a background with the Yxy color 91.6994, 0.3086, 0.3635.

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

91.6994, 0.3086, 0.3635

Protanopia

91.0758, 0.3354, 0.3537

Deuteranopia

90.9963, 0.3231, 0.3320



Tritanopia

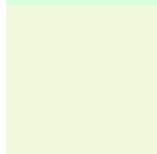
91.1361, 0.3018, 0.3201

Trichromacy



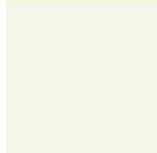
Original Color

91.6994, 0.3086, 0.3635



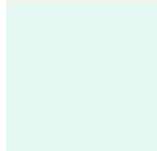
Protanomaly

91.1794, 0.3256, 0.3573



Deuteranomaly

91.2820, 0.3179, 0.3430



Tritanomaly

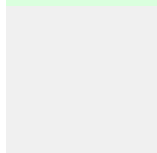
91.0454, 0.3043, 0.3350

Monochromacy



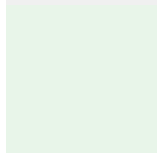
Original Color

91.6994, 0.3086, 0.3635



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.3438, 0.3115, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6994, 0.3086, 0.3635 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(218, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 222)  
}
```

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(218, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 222) }
```

Border

The CSS property to change the border of an element to Yxy 91.6994, 0.3086, 0.3635 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(218, 255, 222) }
```

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

```
.border{ border-color:rgb(218, 255, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(218, 255,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6994, 0.3086, 0.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 222) }
```

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

```
.background{ background-color: rgb(218,  
255, 222) }
```

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