

Converting Colors

$Yxy(92.1954, 0.3111, 0.3639)$

Have a look what the booklet for
Yxy(92.1954, 0.3111, 0.3639)
contains.

Yxy(92.1126, 0.3111, 0.3644)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.1126, 0.3111, 0.3644)

Conversions

Conversions Part 1

Format	Color
Hex	DDFFDD
RGB	221, 255, 221
RGB Percent	87%, 100%, 87%
CMY	0.1331, 0.0000, 0.1334
CMYK	0.13, 0.00, 0.13, 0.00
HSL	120°, 100%, 93%
HSV	120°, 13%, 100%
XYZ	78.6395, 92.1126, 82.0267
YIQ	240.9580, -9.3500, -17.7820

Conversions

Conversions Part 2

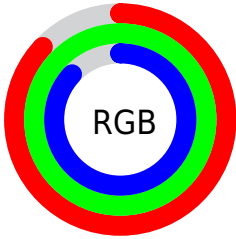
Format	Color
R _Y B	221, 255, 255
Decimal	14548957
CIE Lab	96.87, -17.10, 12.62
CIE LCh	97, 21.249, 143.581
Yxy	92.1126, 0.3111, 0.3644
Android (android.graphics.Color)	4292739037 (0xFFDDFFDD)
YUV	240.9580, -9.8393, -17.5032
Hunter-Lab	95.9753, -21.6989, 16.5096

Details

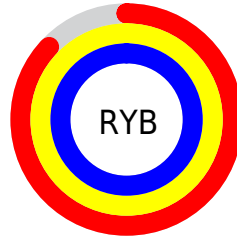
The Yxy color **92.1126, 0.3111, 0.3644** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.1677, 0.3142, 0.2960**, and the grayscale version is **88.0208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2483, 0.3107, 0.3720** is the 20% darker color. If you saturate the color by 10%, you get **87.1618, 0.3097, 0.3951**, and if you desaturate by 10%, it is **97.8830, 0.3123, 0.3373**.

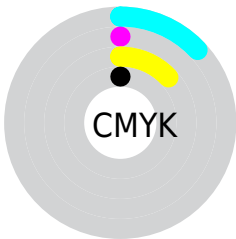
Distribution



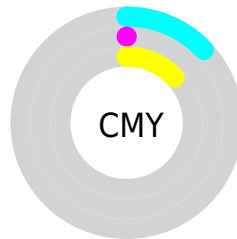
- Red (87%)
- Green (100%)
- Blue (87%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.1126, 0.3111, 0.3644 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 92.1126, 0.3111, 0.3644 by changing the saturation by 10% instead.

 92.1126, 0.3111,
0.3644

 92.1126, 0.3111,
0.3644


534.8794, 0.3120,
0.3483

 69.7342, 0.3109,
0.3680


150.2694, 0.3114,
0.3589

 51.3098, 0.3105,
0.3724


186.8166, 0.3116,
0.3567

 36.4552, 0.3101,
0.3780


228.8555, 0.3117,
0.3548

 24.7860, 0.3095,
0.3852

276.7705, 0.3118,
0.3532

 15.9177, 0.3086,
0.3948

330.9460, 0.3118,
0.3518

 9.4659, 0.3072,
0.4084

391.7664, 0.3119,

 5.0463, 0.3047,

0.3505

0.4289

459.6160, 0.3120,
0.3493

■ 2.2745, 0.2995,
0.4635

■ 0.7601, 0.2864,
0.7136

■ 92.1126, 0.3111,
0.3644

■ 92.1126, 0.3111,
0.3644

■ 87.1618, 0.3097,
0.3951

■ 97.8830, 0.3123,
0.3373

■ 82.9824, 0.3081,
0.4288

99.9965, 0.3127,
0.3290

■ 79.5391, 0.3065,
0.4647

■ 76.7893, 0.3048,
0.5008

■ 74.6861, 0.3032,
0.5346

■ 73.1765, 0.3018,
0.5633

■ 72.1994, 0.3008,
0.5842

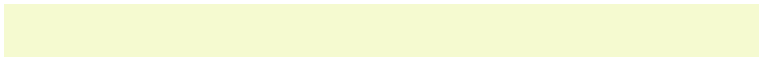
■ 71.6807, 0.3002,
0.5961

■ 71.5200, 0.3000,
0.6000

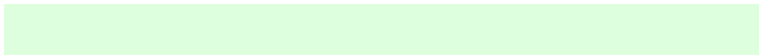
Harmonies

Analogous

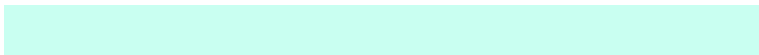
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.1126, 0.3345, 0.3710



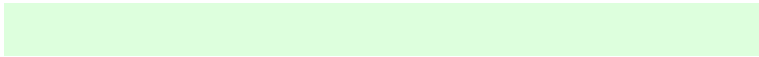
92.1126, 0.3111, 0.3644



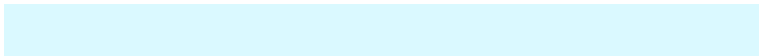
92.1126, 0.2887, 0.3470

Triad

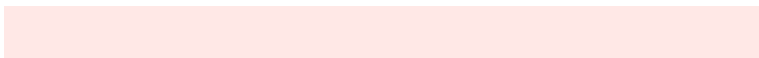
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.1126, 0.3111, 0.3644



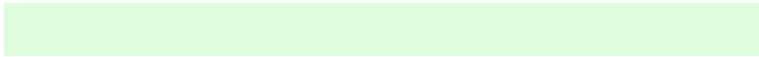
92.1126, 0.2739, 0.2924



92.1126, 0.3539, 0.3310

Complementary

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



92.1126, 0.3111, 0.3644



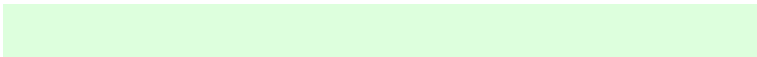
80.1677, 0.3142, 0.2960

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.



92.1126, 0.3365, 0.3116



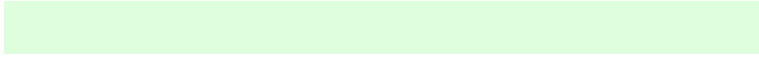
92.1126, 0.3111, 0.3644



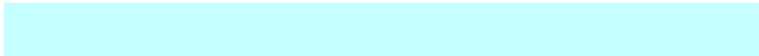
92.1126, 0.2901, 0.2898

Square

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



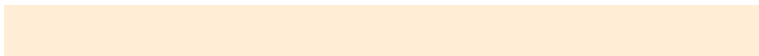
92.1126, 0.3111, 0.3644



92.1126, 0.2678, 0.3049



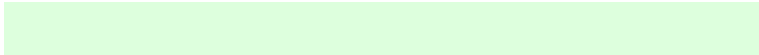
92.1126, 0.3129, 0.2968



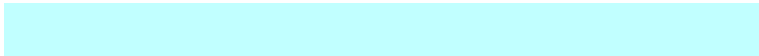
92.1126, 0.3598, 0.3506

Rectangle

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



92.1126, 0.3111, 0.3644



92.1126, 0.2773, 0.3323



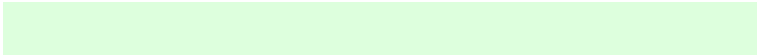
92.1126, 0.3129, 0.2968



92.1126, 0.3491, 0.3243

Sweetspot

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



92.1165, 0.3111, 0.3644



97.4808, 0.3123, 0.3390



97.6338, 0.3328, 0.3616



20.7667, 0.3122, 0.3409



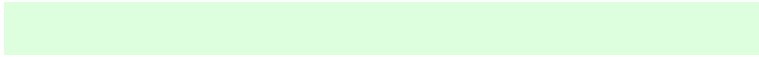
0.0000, 0.0000, 0.0000



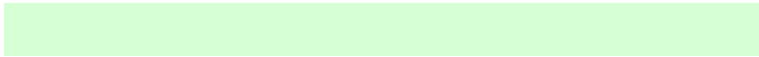
21.4041, 0.3127, 0.3290

Same Dimension

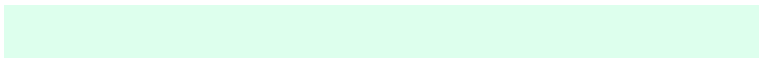
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.1165, 0.3111, 0.3644



90.7246, 0.3107, 0.3722



93.0247, 0.3018, 0.3470



20.1700, 0.3116, 0.3536



37.3734, 0.3000, 0.6000



3.6395, 0.3001, 0.5999

Inverse Universe

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



80.1677, 0.3142, 0.2960



76.6579, 0.3145, 0.2892



79.1675, 0.3252, 0.3117



18.2983, 0.3138, 0.3056



14.8285, 0.3204, 0.1539



1.4444, 0.3205, 0.1539

Previews

White Background



This preview shows how the Yxy color 92.1126, 0.3111, 0.3644 looks on a white background.

Color Contrast Check

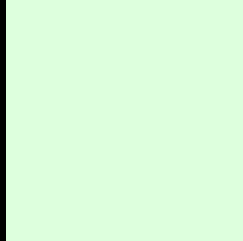
Large Text (above 18pt) WCAG AA × Fail

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 92.1126, 0.3111, 0.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

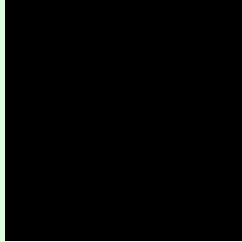
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

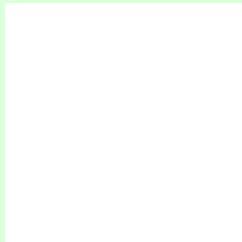
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.1126, 0.3111, 0.3644

Background



This preview shows how black text looks on a background with the Yxy color 92.1126, 0.3111, 0.3644.

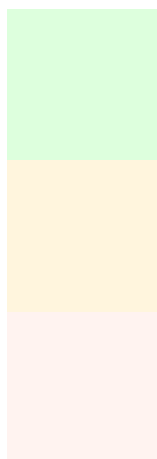


This preview shows how white text looks on a background with the Yxy color 92.1126, 0.3111, 0.3644.

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

92.1126, 0.3111, 0.3644

Protanopia

91.7853, 0.3341, 0.3527

Deuteranopia

91.6525, 0.3224, 0.3319

Tritanopia

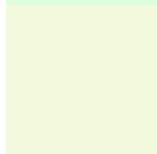
92.0923, 0.3030, 0.3211

Trichromacy



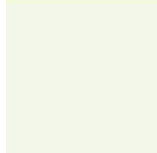
Original Color

92.1126, 0.3111, 0.3644



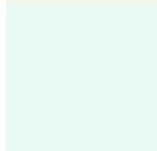
Protanomaly

92.0265, 0.3256, 0.3572



Deuteranomaly

91.4594, 0.3185, 0.3430



Tritanomaly

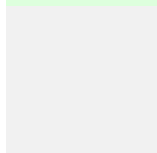
91.9981, 0.3055, 0.3360

Monochromacy



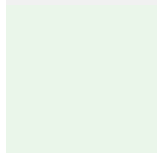
Original Color

92.1126, 0.3111, 0.3644



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.3445, 0.3121, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.1126, 0.3111, 0.3644 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(221, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 221)  
}
```

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(221, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 221) }
```

Border

The CSS property to change the border of an element to Yxy 92.1126, 0.3111, 0.3644 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(221, 255, 221) }
```

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

```
.border{ border-color:rgb(221, 255, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 92.1126, 0.3111, 0.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 221) }
```

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

```
.background{ background-color: rgb(221,  
255, 221) }
```

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