

Converting Colors

$Yxy(98.4741, 0.3111, 0.3821)$

Have a look what the booklet for
Yxy(98.4741, 0.3111, 0.3821)
contains.

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Color

Yxy(91.0252, 0.3113, 0.3712)

Conversions

Conversions Part 1

Format	Color
Hex	D8FFD7
RGB	216, 255, 215
RGB Percent	85%, 100%, 84%
CMY	0.1531, 0.0000, 0.1567
CMYK	0.15, 0.00, 0.16, 0.00
HSL	119°, 100%, 92%
HSV	119°, 16%, 100%
XYZ	76.3366, 91.0252, 77.8570
YIQ	238.7790, -10.4040, -20.7080

Conversions

Conversions Part 2

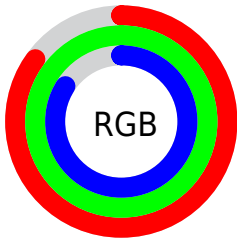
Format	Color
R _Y B	215, 255, 254
Decimal	14221271
CIE Lab	96.42, -19.80, 14.98
CIE LCh	96, 24.834, 142.889
Yxy	91.0252, 0.3113, 0.3712
Android (android.graphics.Color)	4292411351 (0xFFD8FFD7)
YUV	238.7790, -11.7230, -19.9772
Hunter-Lab	95.4071, -24.1421, 18.4014

Details

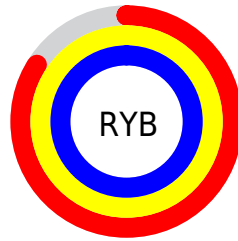
The Yxy color **91.0252, 0.3113, 0.3712** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.9240, 0.3139, 0.2900**, and the grayscale version is **86.2246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.5033, 0.3111, 0.3809** is the 20% darker color. If you saturate the color by 10%, you get **86.2983, 0.3102, 0.4025**, and if you desaturate by 10%, it is **96.5200, 0.3123, 0.3433**.

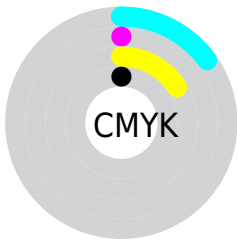
Distribution



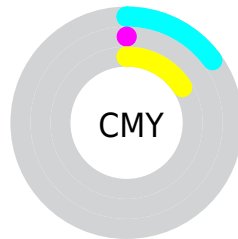
- Red (85%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.0252, 0.3113, 0.3712 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 91.0252, 0.3113, 0.3712 by changing the saturation by 10% instead.

 91.0252, 0.3113,
0.3712

 91.0252, 0.3113,
0.3712


531.3602, 0.3122,
0.3519

 68.8313, 0.3110,
0.3756


148.7616, 0.3117,
0.3645

 50.5743, 0.3107,
0.3809


185.0729, 0.3118,
0.3619

 35.8699, 0.3102,
0.3876


226.8587, 0.3119,
0.3597

 24.3338, 0.3095,
0.3964

274.5035, 0.3120,
0.3577

 15.5814, 0.3084,
0.4081

328.3917, 0.3120,
0.3560

 9.2284, 0.3066,
0.4248

388.9076, 0.3121,

 4.8905, 0.3034,

0.3545

0.4502

456.4356, 0.3122,
0.3531

■ 2.1831, 0.2964,
0.4932

■ 0.7108, 0.2128,
0.7872

■ 91.0252, 0.3113,
0.3712

■ 91.0252, 0.3113,
0.3712

■ 86.2983, 0.3102,
0.4025

■ 96.5200, 0.3123,
0.3433

■ 82.3216, 0.3088,
0.4367

100.0000, 0.3127,
0.3290

■ 79.0513, 0.3074,
0.4726

■ 76.4460, 0.3058,
0.5083

■ 74.4602, 0.3041,
0.5411

■ 73.0426, 0.3026,
0.5682

■ 72.1334, 0.3014,
0.5872

■ 71.6601, 0.3005,
0.5974

■ 71.5578, 0.3003,
0.5997

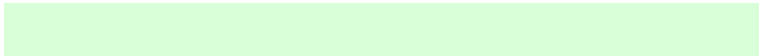
Harmonies

Analogous

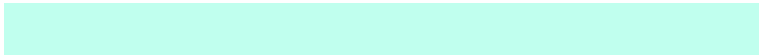
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0252, 0.3387, 0.3785



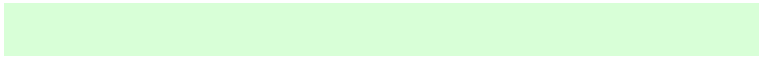
91.0252, 0.3113, 0.3712



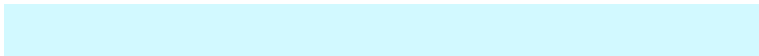
91.0252, 0.2851, 0.3508

Triad

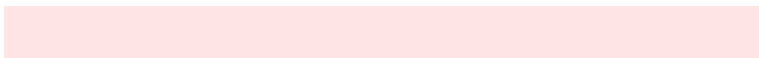
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.0252, 0.3113, 0.3712



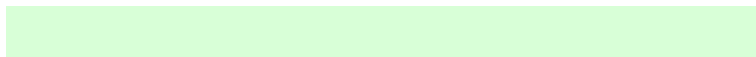
91.0252, 0.2671, 0.2864



91.0252, 0.3608, 0.3305

Complementary

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



91.0252, 0.3113, 0.3712



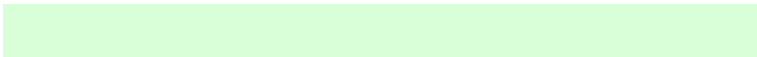
76.9240, 0.3139, 0.2900

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.



91.0252, 0.3400, 0.3082



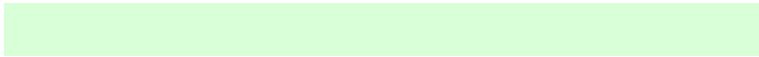
91.0252, 0.3113, 0.3712



91.0252, 0.2857, 0.2833

Square

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



91.0252, 0.3113, 0.3712



91.0252, 0.2603, 0.3009



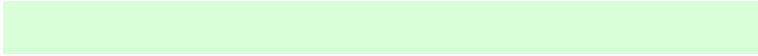
91.0252, 0.3122, 0.2913



91.0252, 0.3681, 0.3534

Rectangle

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



91.0252, 0.3113, 0.3712



91.0252, 0.2717, 0.3333



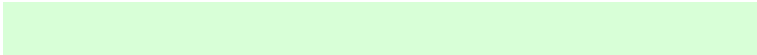
91.0252, 0.3122, 0.2913



91.0252, 0.3551, 0.3228

Sweetspot

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



91.0194, 0.3113, 0.3712



96.9193, 0.3123, 0.3415



96.8409, 0.3365, 0.3668



20.6556, 0.3122, 0.3434



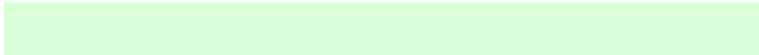
0.0000, 0.0000, 0.0000



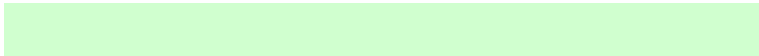
21.4041, 0.3127, 0.3290

Same Dimension

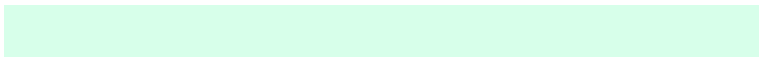
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.0194, 0.3113, 0.3712



89.3640, 0.3109, 0.3812



91.8944, 0.3004, 0.3512



20.1880, 0.3119, 0.3536



37.3991, 0.3005, 0.5996



3.6481, 0.3016, 0.5987

Inverse Universe

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



76.9240, 0.3139, 0.2900



72.6776, 0.3141, 0.2816



75.9540, 0.3273, 0.3079



18.2779, 0.3134, 0.3056



14.3197, 0.3152, 0.1510



1.4007, 0.3159, 0.1514

Previews

White Background



This preview shows how the Yxy color 91.0252, 0.3113, 0.3712 looks on a white background.

Color Contrast Check

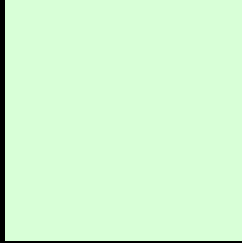
Large Text (above 18pt) WCAG AA × Fail

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 91.0252, 0.3113, 0.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

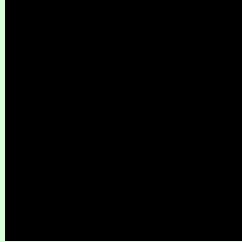
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

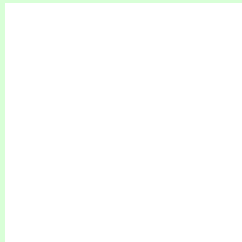
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.0252, 0.3113, 0.3712

Background



This preview shows how black text looks on a background with the Yxy color 91.0252, 0.3113, 0.3712.

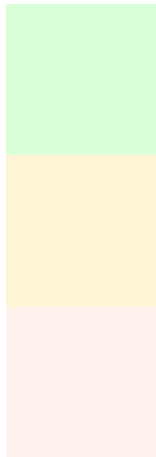


This preview shows how white text looks on a background with the Yxy color 91.0252, 0.3113, 0.3712.

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

91.0252, 0.3113, 0.3712

Protanopia

90.8164, 0.3386, 0.3587

Deuteranopia

90.8787, 0.3244, 0.3339



Tritanopia

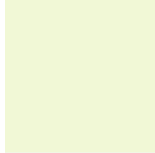
90.9644, 0.3012, 0.3201

Trichromacy



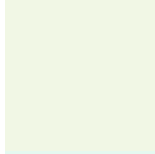
Original Color

91.0252, 0.3113, 0.3712



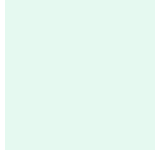
Protanomaly

90.6906, 0.3286, 0.3635



Deuteranomaly

90.8794, 0.3196, 0.3471



Tritanomaly

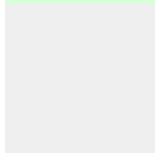
90.7006, 0.3054, 0.3381

Monochromacy



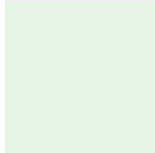
Original Color

91.0252, 0.3113, 0.3712



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.0069, 0.3126, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.0252, 0.3113, 0.3712 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(216, 255, 215)` looks like.

```
.text, #text, p{  
    color:rgb(216, 255, 215)  
}
```

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(216, 255, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 255, 215) }
```

Border

The CSS property to change the border of an element to Yxy 91.0252, 0.3113, 0.3712 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(216, 255, 215) }
```

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

```
.border{ border-color:rgb(216, 255, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 255, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 255, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 255, 215);  
box-shadow:4px 4px 4px 4px rgb(216, 255,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 91.0252, 0.3113, 0.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 255, 215) }
```

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

```
.background{ background-color: rgb(216,  
255, 215) }
```

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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