

Converting Colors

$Yxy(91.2317, 0.3108, 0.3692)$

Have a look what the booklet for
Yxy(91.2317, 0.3108, 0.3692)
contains.

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Color

Yxy(91.2815, 0.3108, 0.3690)

Conversions

Conversions Part 1

Format	Color
Hex	D9FFD9
RGB	217, 255, 217
RGB Percent	85%, 100%, 85%
CMY	0.1493, 0.0000, 0.1490
CMYK	0.15, 0.00, 0.15, 0.00
HSL	120°, 100%, 93%
HSV	120°, 15%, 100%
XYZ	76.8843, 91.2815, 79.2096
YIQ	239.3060, -10.4500, -19.8740

Conversions

Conversions Part 2

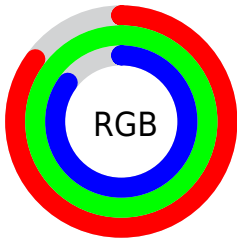
Format	Color
RYB	217, 255, 255
Decimal	14286809
CIELab	96.53, -19.15, 14.14
CIElCh	97, 23.802, 143.567
Yxy	91.2815, 0.3108, 0.3690
Android (android.graphics.Color)	4292476889 (0xFFD9FFD9)
YUV	239.3060, -10.9969, -19.5624
Hunter-Lab	95.5414, -23.5544, 17.7239

Details

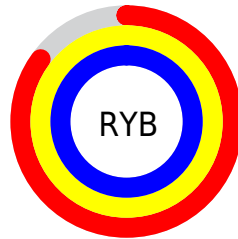
The Yxy color **91.2815, 0.3108, 0.3690** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.0673, 0.3145, 0.2920**, and the grayscale version is **86.6434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6782, 0.3104, 0.3780** is the 20% darker color. If you saturate the color by 10%, you get **86.4381, 0.3093, 0.4001**, and if you desaturate by 10%, it is **96.9122, 0.3121, 0.3413**.

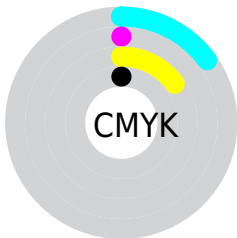
Distribution



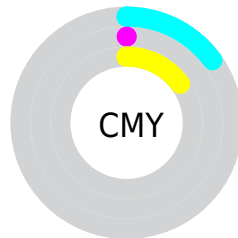
- Red (85%)
- Green (100%)
- Blue (85%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.2815, 0.3108, 0.3690 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 91.2815, 0.3108, 0.3690 by changing the saturation by 10% instead.

 91.2815, 0.3108,
0.3690

 91.2815, 0.3108,
0.3690

532.1908, 0.3119,
0.3507

 69.0440, 0.3105,
0.3731


149.1172, 0.3112,
0.3627

 50.7475, 0.3101,
0.3782


185.4842, 0.3114,
0.3602

 36.0077, 0.3096,
0.3845


227.3297, 0.3115,
0.3581

 24.4402, 0.3088,
0.3928

275.0383, 0.3116,
0.3563

 15.6605, 0.3077,
0.4039

328.9944, 0.3117,
0.3546

 9.2842, 0.3059,
0.4195

389.5822, 0.3118,

 4.9270, 0.3027,

0.3532

0.4434

457.1862, 0.3118,
0.3519

■ 2.2045, 0.2959,
0.4837

■ 0.7225, 0.2328,
0.7672

■ 91.2815, 0.3108,
0.3690

■ 91.2815, 0.3108,
0.3690

■ 86.4381, 0.3093,
0.4001

■ 96.9122, 0.3121,
0.3413

■ 82.3761, 0.3077,
0.4343

100.0000, 0.3127,
0.3290

■ 79.0452, 0.3060,
0.4703

■ 76.4021, 0.3043,
0.5062

■ 74.3987, 0.3027,
0.5394

■ 72.9808, 0.3015,
0.5670

■ 72.0855, 0.3006,
0.5866

■ 71.6350, 0.3001,
0.5972

■ 71.5209, 0.3000,
0.5999

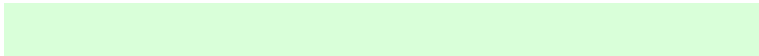
Harmonies

Analogous

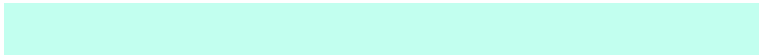
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2815, 0.3371, 0.3764



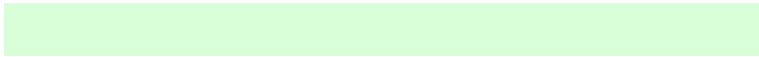
91.2815, 0.3108, 0.3690



91.2815, 0.2858, 0.3493

Triad

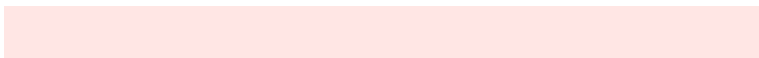
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.2815, 0.3108, 0.3690



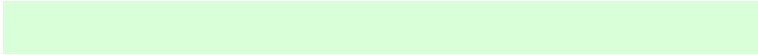
91.2815, 0.2692, 0.2880



91.2815, 0.3590, 0.3310

Complementary

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



91.2815, 0.3108, 0.3690



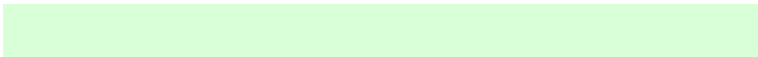
78.0673, 0.3145, 0.2920

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.



91.2815, 0.3394, 0.3095



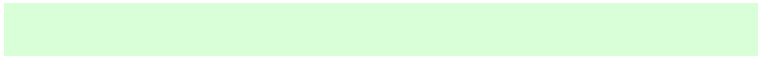
91.2815, 0.3108, 0.3690



91.2815, 0.2873, 0.2852

Square

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



91.2815, 0.3108, 0.3690



91.2815, 0.2625, 0.3018



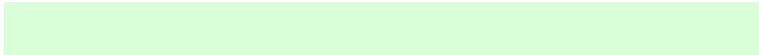
91.2815, 0.3129, 0.2931



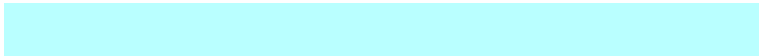
91.2815, 0.3657, 0.3530

Rectangle

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



91.2815, 0.3108, 0.3690



91.2815, 0.2730, 0.3326



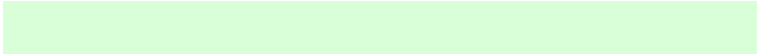
91.2815, 0.3129, 0.2931



91.2815, 0.3537, 0.3236

Sweetspot

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



91.2712, 0.3108, 0.3690



97.4779, 0.3122, 0.3389



97.7863, 0.3352, 0.3662



20.7660, 0.3121, 0.3409



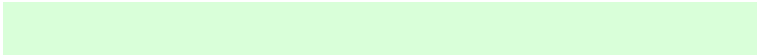
0.0000, 0.0000, 0.0000



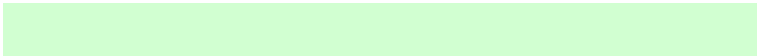
21.4041, 0.3127, 0.3290

Same Dimension

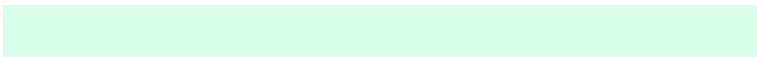
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.2712, 0.3108, 0.3690



89.7021, 0.3104, 0.3782



92.3157, 0.3002, 0.3487



20.1687, 0.3115, 0.3535



37.3714, 0.3000, 0.5999



3.6389, 0.2999, 0.5997

Inverse Universe

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



78.0673, 0.3145, 0.2920



74.1250, 0.3149, 0.2843



76.9057, 0.3273, 0.3101



18.2999, 0.3138, 0.3056



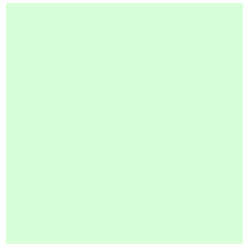
14.8672, 0.3213, 0.1544



1.4477, 0.3213, 0.1544

Previews

White Background



This preview shows how the Yxy color 91.2815, 0.3108, 0.3690 looks on a white background.

Color Contrast Check

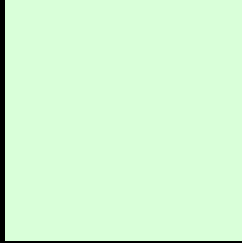
Large Text (above 18pt) WCAG AA × Fail

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 91.2815, 0.3108, 0.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

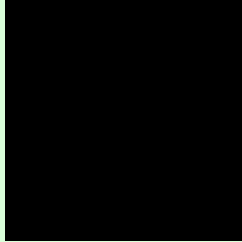
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

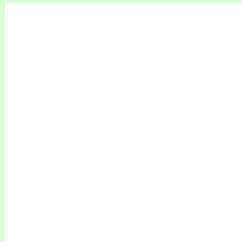
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.2815, 0.3108, 0.3690

Background



This preview shows how black text looks on a background with the Yxy color 91.2815, 0.3108, 0.3690.

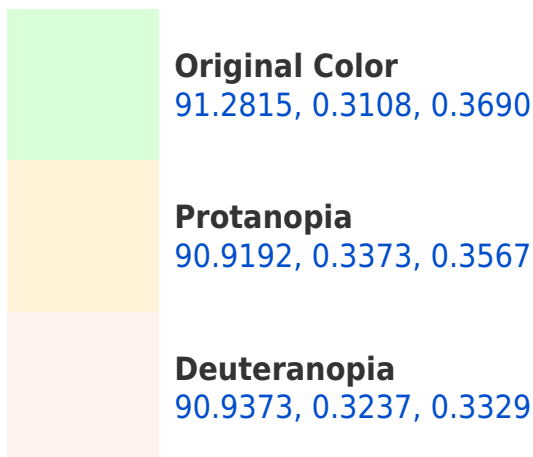


This preview shows how white text looks on a background with the Yxy color 91.2815, 0.3108, 0.3690.

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





Tritanopia

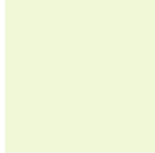
90.9644, 0.3012, 0.3201

Trichromacy



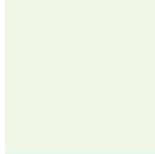
Original Color

91.2815, 0.3108, 0.3690



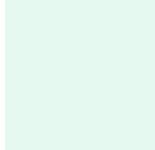
Protanomaly

90.7934, 0.3274, 0.3615



Deuteranomaly

90.9355, 0.3190, 0.3461



Tritanomaly

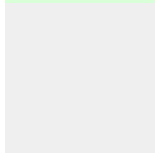
90.7603, 0.3048, 0.3371

Monochromacy



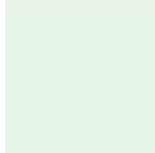
Original Color

91.2815, 0.3108, 0.3690



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.0633, 0.3120, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2815, 0.3108, 0.3690 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, 217)` looks like.

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

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, 217) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 91.2815, 0.3108, 0.3690 is called "border". The border property can be set on classes, ids or directly on the HTML element.

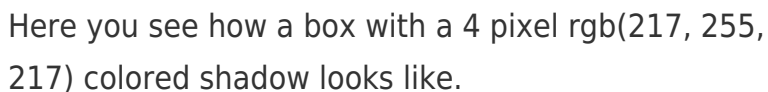
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 255, 217) }
```

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

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

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, 217)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 91.2815, 0.3108, 0.3690 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, 217) }
```

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

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

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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