

Converting Colors

$Y_{xy}(115.9988, 0.3116, 0.4065)$

Have a look what the booklet for
Yxy(115.9988, 0.3116, 0.4065)
contains.

Yxy(91.0758, 0.3131, 0.3733)	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(91.0758, 0.3131, 0.3733)

Conversions

Conversions Part 1

Format	Color
Hex	D9FFD5
RGB	217, 255, 213
RGB Percent	85%, 100%, 84%
CMY	0.1490, 0.0000, 0.1647
CMYK	0.15, 0.00, 0.16, 0.00
HSL	114°, 100%, 92%
HSV	114°, 16%, 100%
XYZ	76.3885, 91.0758, 76.5105
YIQ	238.8500, -9.1660, -21.1180

Conversions

Conversions Part 2

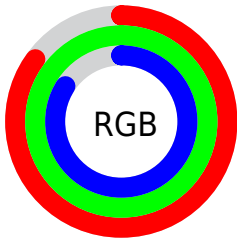
Format	Color
R _Y B	213, 255, 251
Decimal	14286805
CIE Lab	96.44, -19.79, 16.06
CIE LCh	96, 25.483, 140.944
Yxy	91.0758, 0.3131, 0.3733
Android (android.graphics.Color)	4292476885 (0xFFD9FFD5)
YUV	238.8500, -12.7440, -19.1624
Hunter-Lab	95.4336, -24.1311, 19.2699

Details

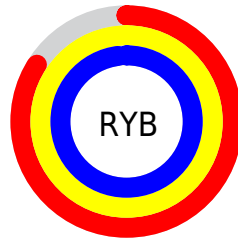
The Yxy color **91.0758, 0.3131, 0.3733** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.3239, 0.3118, 0.2877**, and the grayscale version is **86.3030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.5382, 0.3133, 0.3836** is the 20% darker color. If you saturate the color by 10%, you get **86.5911, 0.3130, 0.4045**, and if you desaturate by 10%, it is **96.2628, 0.3129, 0.3453**.

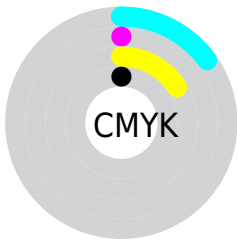
Distribution



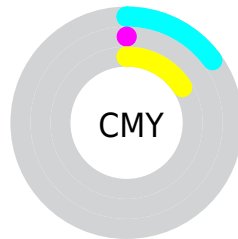
- Red (85%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (98%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.0758, 0.3131, 0.3733 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 91.0758, 0.3131, 0.3733 by changing the saturation by 10% instead.

 91.0758, 0.3131,
0.3733

 91.0758, 0.3131,
0.3733

531.5242, 0.3132,
0.3530

 68.8733, 0.3130,
0.3779

148.8318, 0.3132,
0.3663

 50.6085, 0.3128,
0.3835


185.1541, 0.3132,
0.3636

 35.8971, 0.3126,
0.3906


226.9517, 0.3132,
0.3612

 24.3548, 0.3122,
0.3998

274.6091, 0.3132,
0.3592

 15.5970, 0.3115,
0.4121

328.5107, 0.3132,
0.3574

 9.2394, 0.3102,
0.4296

389.0408, 0.3132,

 4.8977, 0.3076,

0.3557

0.4562

456.5838, 0.3132,
0.3543

■ 2.1874, 0.3016,
0.5015

■ 0.7131, 0.2145,
0.7855

■ 91.0758, 0.3131,
0.3733

■ 91.0758, 0.3131,
0.3733

■ 86.5911, 0.3130,
0.4045

■ 96.2628, 0.3129,
0.3453

■ 82.7721, 0.3126,
0.4382

100.0000, 0.3127,
0.3290

■ 79.5891, 0.3118,
0.4735

■ 77.0072, 0.3106,
0.5084

■ 74.9886, 0.3089,
0.5404

■ 73.4907, 0.3068,
0.5670

■ 72.4652, 0.3045,
0.5859

■ 71.8539, 0.3023,
0.5964

■ 71.7177, 0.3017,
0.5986

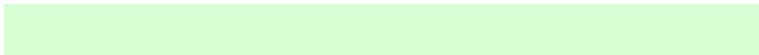
Harmonies

Analogous

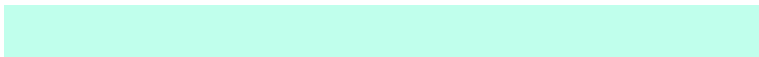
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0758, 0.3410, 0.3798



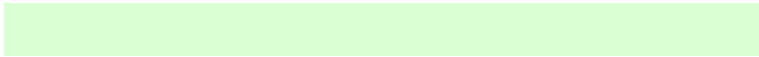
91.0758, 0.3131, 0.3733



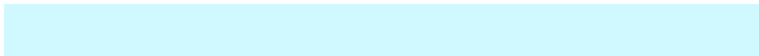
91.0758, 0.2859, 0.3530

Triad

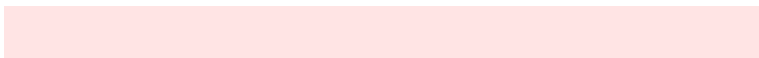
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.0758, 0.3131, 0.3733



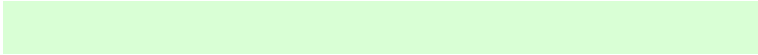
91.0758, 0.2651, 0.2859



91.0758, 0.3610, 0.3290

Complementary

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



91.0758, 0.3131, 0.3733



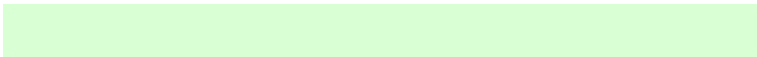
75.3239, 0.3118, 0.2877

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.



91.0758, 0.3389, 0.3064



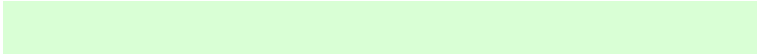
91.0758, 0.3131, 0.3733



91.0758, 0.2834, 0.2820

Square

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



91.0758, 0.3131, 0.3733



91.0758, 0.2590, 0.3015



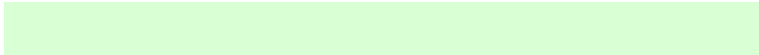
91.0758, 0.3103, 0.2895



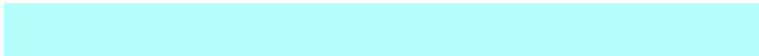
91.0758, 0.3695, 0.3526

Rectangle

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



91.0758, 0.3131, 0.3733



91.0758, 0.2718, 0.3352



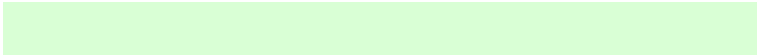
91.0758, 0.3103, 0.2895



91.0758, 0.3549, 0.3211

Sweetspot

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



91.0780, 0.3131, 0.3733



97.0832, 0.3129, 0.3415



94.9349, 0.3382, 0.3661



20.6952, 0.3129, 0.3433



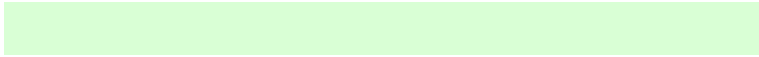
0.0000, 0.0000, 0.0000



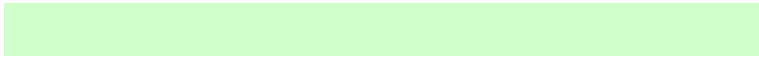
21.4041, 0.3127, 0.3290

Same Dimension

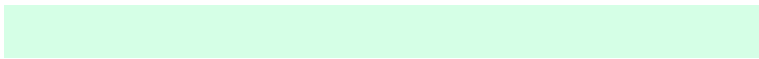
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.0780, 0.3131, 0.3733



89.4141, 0.3131, 0.3840



91.3702, 0.3013, 0.3554



20.2508, 0.3130, 0.3535



37.5014, 0.3021, 0.5983



3.6778, 0.3065, 0.5948

Inverse Universe

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



75.3239, 0.3118, 0.2877



70.7561, 0.3115, 0.2786



75.0395, 0.3261, 0.3040



18.2073, 0.3123, 0.3055



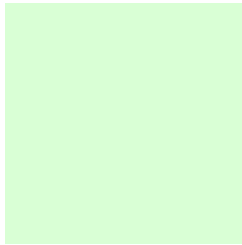
12.6610, 0.2970, 0.1410



1.2573, 0.2999, 0.1426

Previews

White Background



This preview shows how the Yxy color 91.0758, 0.3131, 0.3733 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 91.0758, 0.3131, 0.3733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

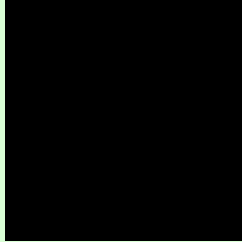
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

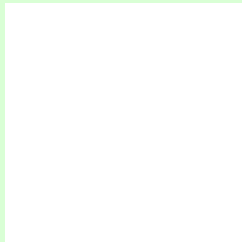
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.0758, 0.3131, 0.3733

Background



This preview shows how black text looks on a background with the Yxy color 91.0758, 0.3131, 0.3733.

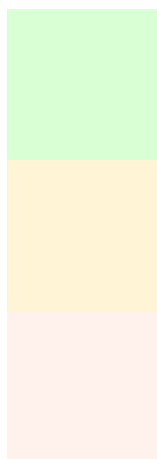


This preview shows how white text looks on a background with the Yxy color 91.0758, 0.3131, 0.3733.

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

91.0758, 0.3131, 0.3733

Protanopia

90.8164, 0.3386, 0.3587

Deuteranopia

90.8204, 0.3250, 0.3349



Tritanopia

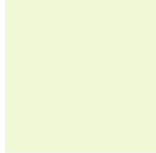
90.9644, 0.3012, 0.3201

Trichromacy



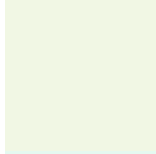
Original Color

91.0758, 0.3131, 0.3733



Protanomaly

90.6906, 0.3286, 0.3635



Deuteranomaly

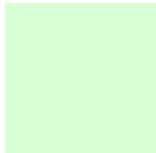
90.8237, 0.3202, 0.3481



Tritanomaly

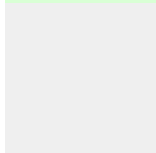
90.7006, 0.3054, 0.3381

Monochromacy



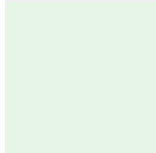
Original Color

91.0758, 0.3131, 0.3733



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 91.0758, 0.3131, 0.3733 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 213) }
```

Border

The CSS property to change the border of an element to Yxy 91.0758, 0.3131, 0.3733 is called "border". The border property can be set on classes, ids or directly on the HTML element.

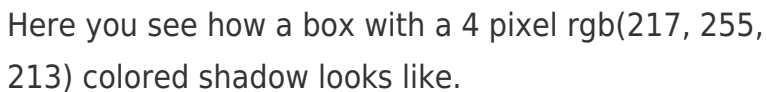
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 255, 213) }
```

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

```
.border{ border-color:rgb(217, 255, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 255, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 255, 213); box-shadow:4px 4px 4px 4px rgb(217, 255, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 91.0758, 0.3131, 0.3733 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, 213) }
```

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

```
.background{ background-color: rgb(217,  
255, 213) }
```

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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