

Converting Colors

$Yxy(90.8817, 0.3209, 0.3837)$

Have a look what the booklet for
Yxy(90.8817, 0.3209, 0.3837)
contains.

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Color

Yxy(91.0474, 0.3207, 0.3839)

Conversions

Conversions Part 1

Format	Color
Hex	DCFFCB
RGB	220, 255, 203
RGB Percent	86%, 100%, 80%
CMY	0.1372, 0.0000, 0.2040
CMYK	0.14, 0.00, 0.20, 0.00
HSL	100°, 100%, 90%
HSV	100°, 20%, 100%
XYZ	76.0586, 91.0474, 70.0584
YIQ	238.6070, -4.1680, -23.5920

Conversions

Conversions Part 2

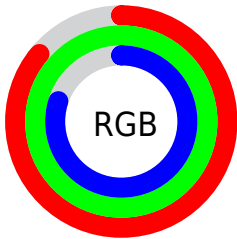
Format	Color
R_{YB}	203, 255, 238
Decimal	14483403
CIE _{Lab}	96.43, -20.41, 21.18
CIE _{LCh}	96, 29.414, 133.934
Y _{xy}	91.0474, 0.3207, 0.3839
Android (android.graphics.Color)	4292673483 (0xFFDCFFCB)
YUV	238.6070, -17.5543, -16.3183
Hunter-Lab	95.4188, -24.6999, 23.2612

Details

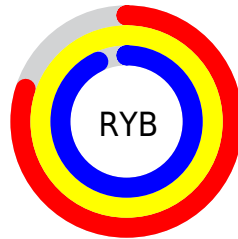
The Yxy color **91.0474, 0.3207, 0.3839** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.0994, 0.3028, 0.2762**, and the grayscale version is **86.1406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.5574, 0.3221, 0.3959** is the 20% darker color. If you saturate the color by 10%, you get **87.3928, 0.3241, 0.4145**, and if you desaturate by 10%, it is **95.1830, 0.3169, 0.3556**.

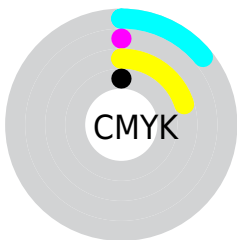
Distribution



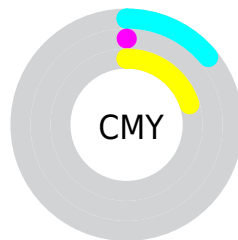
- Red (86%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (93%)



- Cyan (14%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.0474, 0.3207, 0.3839 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 91.0474, 0.3207, 0.3839 by changing the saturation by 10% instead.


 91.0474, 0.3207,
0.3839

 91.0474, 0.3207,
0.3839


531.4321, 0.3176,
0.3587

 68.8497, 0.3213,
0.3896


148.7924, 0.3197,
0.3752

 50.5893, 0.3219,
0.3966


185.1085, 0.3193,
0.3718

 35.8819, 0.3226,
0.4054


226.8995, 0.3190,
0.3689

 24.3430, 0.3234,
0.4168

274.5499, 0.3186,
0.3663

 15.5882, 0.3241,
0.4321

328.4439, 0.3183,
0.3641

 9.2333, 0.3246,
0.4537

388.9660, 0.3181,

 4.8936, 0.3240,

0.3621

0.4862

456.5006, 0.3178,
0.3603

■ 2.1850, 0.3252,
0.5493

■ 0.7118, 0.2003,
0.7997

■ 91.0474, 0.3207,
0.3839

■ 91.0474, 0.3207,
0.3839

■ 87.3928, 0.3241,
0.4145

■ 95.1830, 0.3169,
0.3556

■ 84.1914, 0.3268,
0.4466

99.8068, 0.3129,
0.3300

■ 81.4272, 0.3285,
0.4792

100.0000, 0.3127,
0.3290

■ 79.0796, 0.3289,
0.5105

■ 77.1259, 0.3277,
0.5386

■ 75.5410, 0.3248,
0.5615

■ 74.2961, 0.3204,
0.5780

■ 73.3822, 0.3154,
0.5878

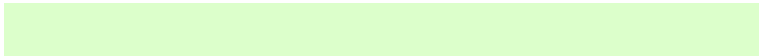
Harmonies

Analogous

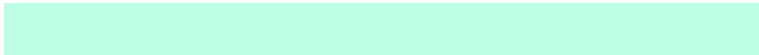
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0474, 0.3519, 0.3869



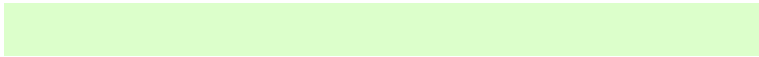
91.0474, 0.3207, 0.3839



91.0474, 0.2885, 0.3635

Triad

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



91.0474, 0.3207, 0.3839



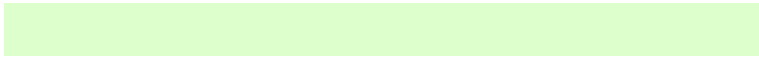
91.0474, 0.2551, 0.2824



91.0474, 0.3638, 0.3223

Complementary

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



91.0474, 0.3207, 0.3839



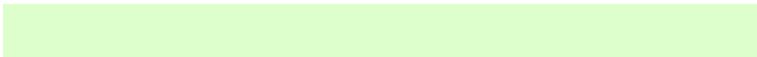
68.0994, 0.3028, 0.2762

Split Complementary

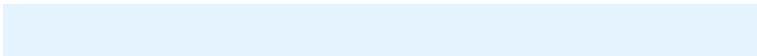
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.0474, 0.3355, 0.2978



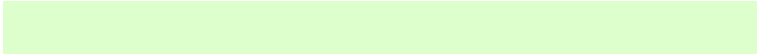
91.0474, 0.3207, 0.3839



91.0474, 0.2730, 0.2750

Square

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



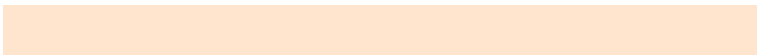
91.0474, 0.3207, 0.3839



91.0474, 0.2518, 0.3029



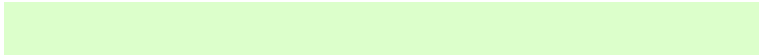
91.0474, 0.3020, 0.2808



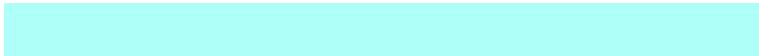
91.0474, 0.3778, 0.3496

Rectangle

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



91.0474, 0.3207, 0.3839



91.0474, 0.2707, 0.3435



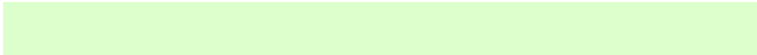
91.0474, 0.3020, 0.2808



91.0474, 0.3555, 0.3136

Sweetspot

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



91.0506, 0.3207, 0.3839



97.1539, 0.3151, 0.3440



86.5249, 0.3468, 0.3638



20.7309, 0.3154, 0.3457



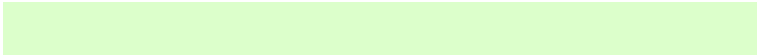
0.0000, 0.0000, 0.0000



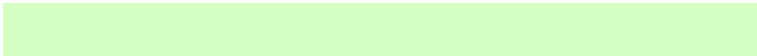
21.4041, 0.3127, 0.3290

Same Dimension

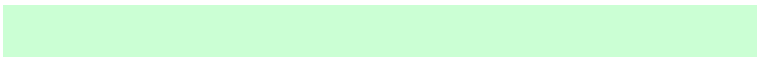
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.0506, 0.3207, 0.3839



89.6784, 0.3220, 0.3947



88.9516, 0.3053, 0.3760



20.4569, 0.3165, 0.3532



38.4154, 0.3164, 0.5869



3.7967, 0.3249, 0.5802

Inverse Universe

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



68.0994, 0.3028, 0.2762



63.3697, 0.3006, 0.2663



70.6420, 0.3212, 0.2862



17.9848, 0.3085, 0.3052



8.4100, 0.2395, 0.1093



0.8782, 0.2489, 0.1145

Previews

White Background



This preview shows how the Yxy color 91.0474, 0.3207, 0.3839 looks on a white background.

Color Contrast Check

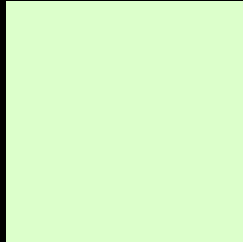
Large Text (above 18pt) WCAG AA × Fail

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 91.0474, 0.3207, 0.3839 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

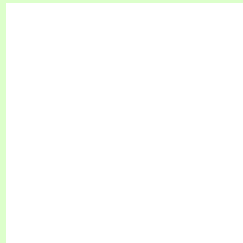
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.0474, 0.3207, 0.3839

Background



This preview shows how black text looks on a background with the Yxy color 91.0474, 0.3207, 0.3839.

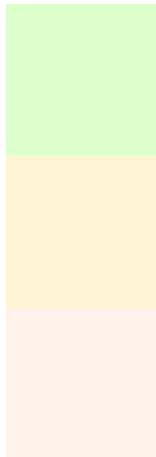


This preview shows how white text looks on a background with the Yxy color 91.0474, 0.3207, 0.3839.

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

91.0474, 0.3207, 0.3839

Protanopia

90.7148, 0.3399, 0.3607

Deuteranopia

90.7624, 0.3256, 0.3359



Tritanopia

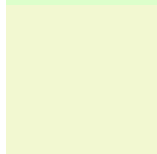
90.7020, 0.3024, 0.3191

Trichromacy



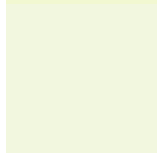
Original Color

91.0474, 0.3207, 0.3839



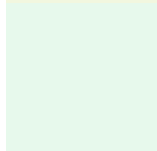
Protanomaly

90.6155, 0.3323, 0.3686



Deuteranomaly

90.7265, 0.3239, 0.3532



Tritanomaly

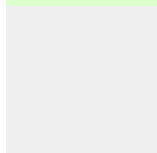
90.7964, 0.3089, 0.3422

Monochromacy



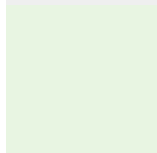
Original Color

91.0474, 0.3207, 0.3839



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

87.9516, 0.3157, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.0474, 0.3207, 0.3839 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(220, 255, 203)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 203)  
}
```

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(220, 255, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 203) }
```

Border

The CSS property to change the border of an element to Yxy 91.0474, 0.3207, 0.3839 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(220, 255, 203) }
```

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

```
.border{ border-color:rgb(220, 255, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 255, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 255, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 255, 203);  
box-shadow:4px 4px 4px 4px rgb(220, 255,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 91.0474, 0.3207, 0.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 203) }
```

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

```
.background{ background-color: rgb(220,  
255, 203) }
```

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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