

Converting Colors

$Yxy(91.6433, 0.3204, 0.3798)$

Have a look what the booklet for
Yxy(91.6433, 0.3204, 0.3798)
contains.

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Color

Yxy(91.7130, 0.3203, 0.3793)

Conversions

Conversions Part 1

Format	Color
Hex	DFFFCF
RGB	223, 255, 207
RGB Percent	87%, 100%, 81%
CMY	0.1256, 0.0000, 0.1883
CMYK	0.13, 0.00, 0.19, 0.00
HSL	100°, 100%, 91%
HSV	100°, 19%, 100%
XYZ	77.4471, 91.7130, 72.6353
YIQ	239.9600, -3.6640, -21.7120

Conversions

Conversions Part 2

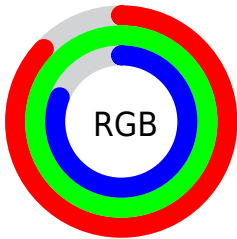
Format	Color
RYB	207, 255, 239
Decimal	14680015
CIELab	96.70, -18.78, 19.56
CIElCh	97, 27.117, 133.830
Yxy	91.7130, 0.3203, 0.3793
Android (android.graphics.Color)	4292870095 (0xFFDFFFCF)
YUV	239.9600, -16.2493, -14.8739
Hunter-Lab	95.7669, -23.2384, 22.0678

Details

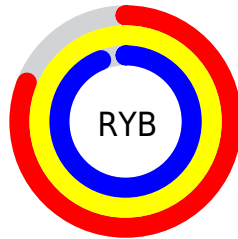
The Yxy color **91.7130, 0.3203, 0.3793** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.1838, 0.3035, 0.2804**, and the grayscale version is **87.2290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9036, 0.3208, 0.3899** is the 20% darker color. If you saturate the color by 10%, you get **87.9949, 0.3239, 0.4095**, and if you desaturate by 10%, it is **95.8956, 0.3163, 0.3514**.

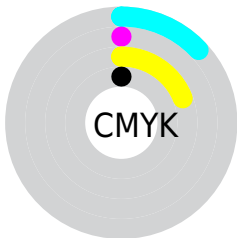
Distribution



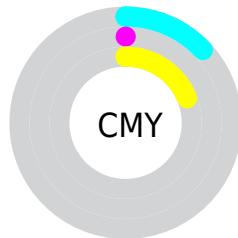
- Red (87%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (94%)



- Cyan (13%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.7130, 0.3203, 0.3793 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 91.7130, 0.3203, 0.3793 by changing the saturation by 10% instead.


 91.7130, 0.3203,
0.3793

 91.7130, 0.3203,
0.3793

533.5876, 0.3173,
0.3563

 69.4023, 0.3209,
0.3845


149.7156, 0.3194,
0.3714

 51.0394, 0.3215,
0.3908


186.1762, 0.3190,
0.3683

 36.2400, 0.3223,
0.3988


228.1222, 0.3186,
0.3656

 24.6196, 0.3231,
0.4091

275.9381, 0.3183,
0.3633

 15.7939, 0.3239,
0.4230

330.0081, 0.3180,
0.3612

 9.3784, 0.3247,
0.4425

390.7168, 0.3177,

 4.9888, 0.3247,

0.3594

0.4718

458.4485, 0.3175,
0.3578

■ 2.2407, 0.3245,
0.5243

■ 0.7420, 0.2496,
0.7504

■ 91.7130, 0.3203,
0.3793

■ 91.7130, 0.3203,
0.3793

■ 87.9949, 0.3239,
0.4095

■ 95.8956, 0.3163,
0.3514

■ 84.7358, 0.3268,
0.4414

100.0000, 0.3127,
0.3290

■ 81.9128, 0.3288,
0.4739

■ 79.5058, 0.3294,
0.5054

■ 77.4928, 0.3285,
0.5341

■ 75.8493, 0.3259,
0.5579

■ 74.5477, 0.3217,
0.5754

■ 73.5515, 0.3165,
0.5863

■ 73.4508, 0.3159,
0.5874

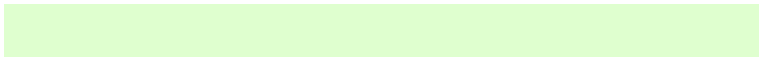
Harmonies

Analogous

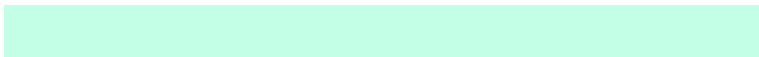
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.7130, 0.3489, 0.3822



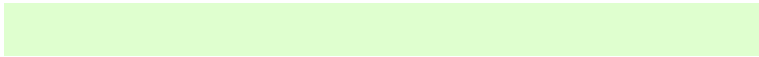
91.7130, 0.3203, 0.3793



91.7130, 0.2906, 0.3607

Triad

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



91.7130, 0.3203, 0.3793



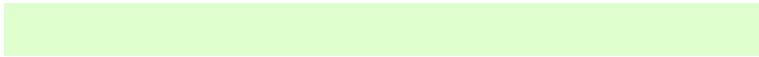
91.7130, 0.2595, 0.2861



91.7130, 0.3596, 0.3229

Complementary

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



91.7130, 0.3203, 0.3793



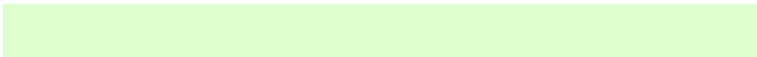
70.1838, 0.3035, 0.2804

Split Complementary

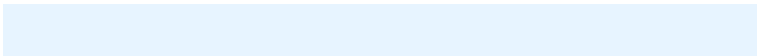
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.7130, 0.3336, 0.3001



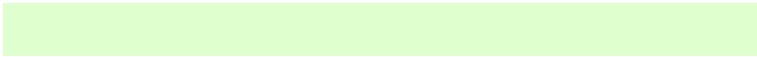
91.7130, 0.3203, 0.3793



91.7130, 0.2760, 0.2791

Square

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



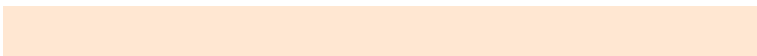
91.7130, 0.3203, 0.3793



91.7130, 0.2565, 0.3052



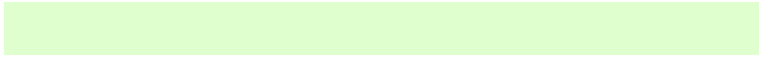
91.7130, 0.3028, 0.2843



91.7130, 0.3725, 0.3481

Rectangle

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



91.7130, 0.3203, 0.3793



91.7130, 0.2741, 0.3425



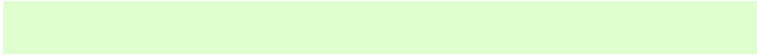
91.7130, 0.3028, 0.2843



91.7130, 0.3520, 0.3148

Sweetspot

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



91.7090, 0.3203, 0.3793



97.1699, 0.3152, 0.3440



87.4922, 0.3440, 0.3610



20.7347, 0.3155, 0.3457



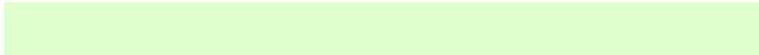
0.0000, 0.0000, 0.0000



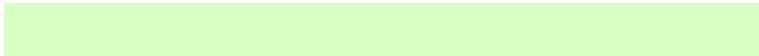
21.4041, 0.3127, 0.3290

Same Dimension

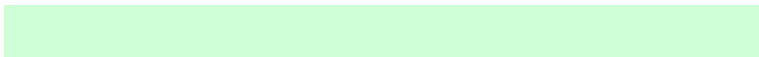
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.7090, 0.3203, 0.3793



90.1048, 0.3219, 0.3916



89.6872, 0.3058, 0.3719



20.4622, 0.3166, 0.3532



38.4521, 0.3170, 0.5865



3.8008, 0.3255, 0.5798

Inverse Universe

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



70.1838, 0.3035, 0.2804



64.5972, 0.3010, 0.2690



72.5893, 0.3205, 0.2896



17.9794, 0.3084, 0.3052



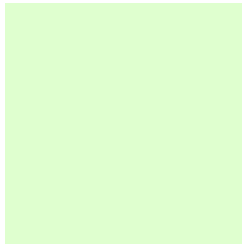
8.3237, 0.2382, 0.1086



0.8702, 0.2477, 0.1138

Previews

White Background



This preview shows how the Yxy color 91.7130, 0.3203, 0.3793 looks on a white background.

Color Contrast Check

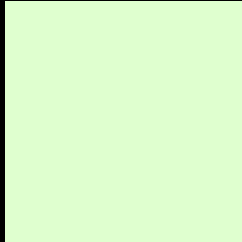
Large Text (above 18pt) WCAG AA × Fail

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 91.7130, 0.3203, 0.3793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

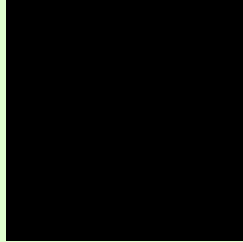
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

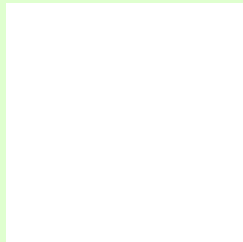
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.7130, 0.3203, 0.3793

Background



This preview shows how black text looks on a background with the Yxy color 91.7130, 0.3203, 0.3793.

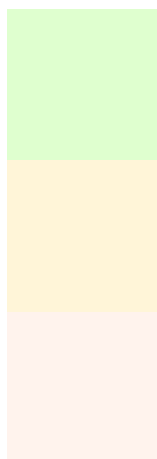


This preview shows how white text looks on a background with the Yxy color 91.7130, 0.3203, 0.3793.

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

91.7130, 0.3203, 0.3793

Protanopia

91.5227, 0.3372, 0.3577

Deuteranopia

91.4756, 0.3243, 0.3349



Tritanopia

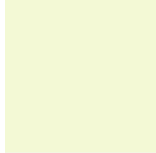
91.4823, 0.3030, 0.3201

Trichromacy



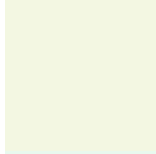
Original Color

91.7130, 0.3203, 0.3793



Protanomaly

91.6101, 0.3304, 0.3654



Deuteranomaly

91.0672, 0.3227, 0.3501



Tritanomaly

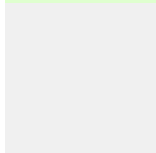
91.2480, 0.3090, 0.3401

Monochromacy



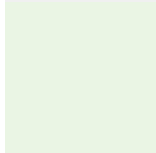
Original Color

91.7130, 0.3203, 0.3793



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.3987, 0.3158, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.7130, 0.3203, 0.3793 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(223, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 207)  
}
```

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(223, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 207) }
```

Border

The CSS property to change the border of an element to Yxy 91.7130, 0.3203, 0.3793 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(223, 255, 207) }
```

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

```
.border{ border-color:rgb(223, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 91.7130, 0.3203, 0.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 207) }
```

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

```
.background{ background-color: rgb(223,  
255, 207) }
```

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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