

Converting Colors

$Yxy(94.6420, 0.2998, 0.3602)$

Have a look what the booklet for
Yxy(94.6420, 0.2998, 0.3602)
contains.

Yxy(91.0821, 0.3000, 0.3553)	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(91.0821, 0.3000, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	D3FFE6
RGB	211, 255, 230
RGB Percent	83%, 100%, 90%
CMY	0.1725, 0.0000, 0.0982
CMYK	0.17, 0.00, 0.10, 0.00
HSL	146°, 100%, 91%
HSV	146°, 17%, 100%
XYZ	76.9058, 91.0821, 88.3648
YIQ	238.9940, -18.1990, -17.1030

Conversions

Conversions Part 2

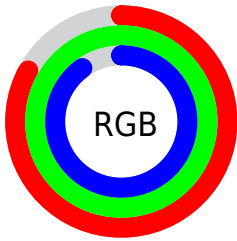
Format	Color
R_{YB}	211, 242, 255
Decimal	13893606
CIE Lab	96.44, -18.75, 7.32
CIE LCh	96, 20.129, 158.690
Yxy	91.0821, 0.3000, 0.3553
Android (android.graphics.Color)	4292083686 (0xFFD3FFE6)
YUV	238.9940, -4.4340, -24.5507
Hunter-Lab	95.4369, -23.1743, 11.9094

Details

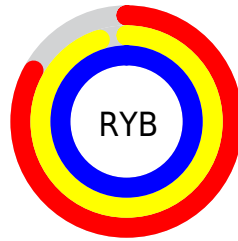
The Yxy color **91.0821, 0.3000, 0.3553** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.9148, 0.3278, 0.3041**, and the grayscale version is **86.3574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.5512, 0.2968, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **86.8282, 0.2930, 0.3730**, and if you desaturate by 10%, it is **96.0020, 0.3073, 0.3394**.

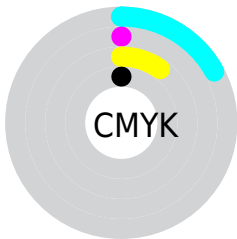
Distribution



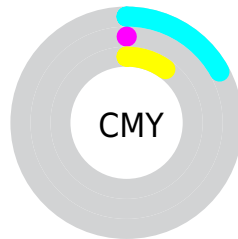
- Red (83%)
- Green (100%)
- Blue (90%)



- Red (83%)
- Yellow (95%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.0821, 0.3000, 0.3553 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 91.0821, 0.3000, 0.3553 by changing the saturation by 10% instead.


 91.0821, 0.3000,
0.3553

 91.0821, 0.3000,
0.3553

531.5446, 0.3058,
0.3434

 68.8785, 0.2987,
0.3580

148.8406, 0.3020,
0.3512

 50.6128, 0.2971,
0.3612


185.1642, 0.3028,
0.3496

 35.9005, 0.2951,
0.3654


226.9633, 0.3034,
0.3482

 24.3574, 0.2926,
0.3707

274.6223, 0.3040,
0.3470

 15.5989, 0.2891,
0.3778

328.5255, 0.3045,
0.3459

 9.2408, 0.2843,
0.3878

389.0574, 0.3050,

 4.8986, 0.2770,

0.3450

0.4031

456.6023, 0.3054,
0.3441

■ 2.1879, 0.2646,
0.4288

■ 0.7134, 0.1837,
0.5950

■ 91.0821, 0.3000,
0.3553

■ 91.0821, 0.3000,
0.3553

■ 86.8282, 0.2930,
0.3730

■ 96.0020, 0.3073,
0.3394


■ 83.2095, 0.2867,
0.3923


100.0000, 0.3127,
0.3290

■ 80.1942, 0.2812,
0.4132

■ 77.7476, 0.2771,
0.4352

 75.8307, 0.2746,
0.4578

 74.3999, 0.2740,
0.4802

 73.4039, 0.2754,
0.5018

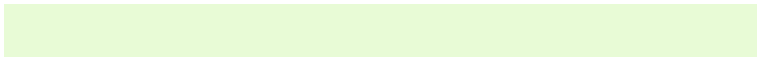
 72.7772, 0.2786,
0.5216

 72.6431, 0.2796,
0.5267

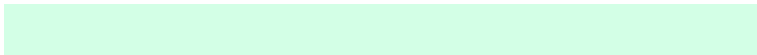
Harmonies

Analogous

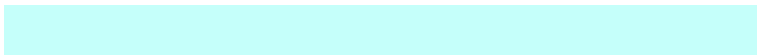
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0821, 0.3225, 0.3672



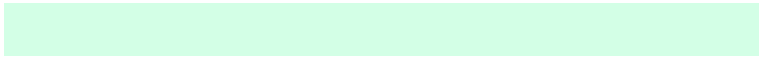
91.0821, 0.3000, 0.3553



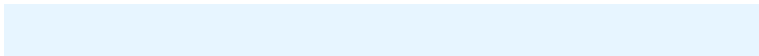
91.0821, 0.2813, 0.3357

Triad

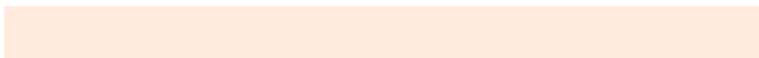
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.0821, 0.3000, 0.3553



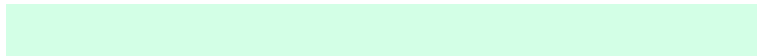
91.0821, 0.2825, 0.2917



91.0821, 0.3562, 0.3406

Complementary

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



91.0821, 0.3000, 0.3553



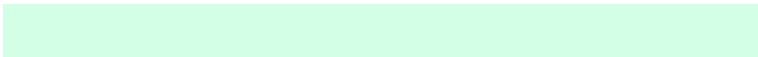
73.9148, 0.3278, 0.3041

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.



91.0821, 0.3447, 0.3215



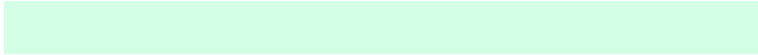
91.0821, 0.3000, 0.3553



91.0821, 0.3017, 0.2939

Square

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



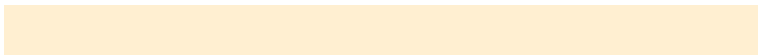
91.0821, 0.3000, 0.3553



91.0821, 0.2715, 0.2990



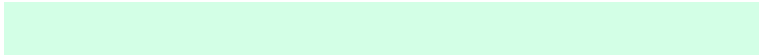
91.0821, 0.3245, 0.3047



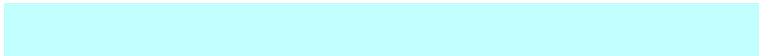
91.0821, 0.3555, 0.3576

Rectangle

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



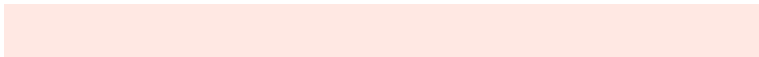
91.0821, 0.3000, 0.3553



91.0821, 0.2734, 0.3215



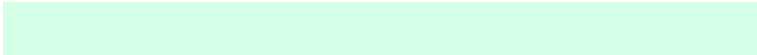
91.0821, 0.3245, 0.3047



91.0821, 0.3537, 0.3342

Sweetspot

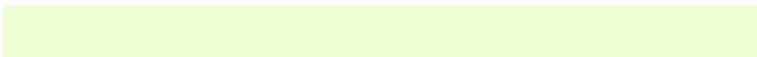
The Sweet Spot groups the original color and five complimentary colors.



91.0824, 0.3000, 0.3553



97.2029, 0.3090, 0.3361



94.1722, 0.3268, 0.3737



20.7243, 0.3085, 0.3371



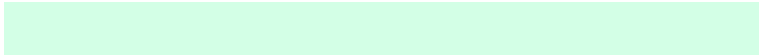
0.0000, 0.0000, 0.0000



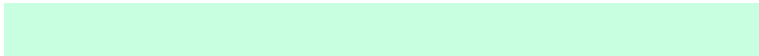
21.4041, 0.3127, 0.3290

Same Dimension

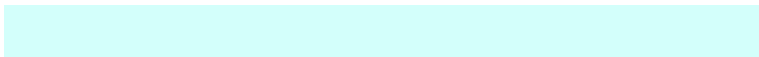
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.0824, 0.3000, 0.3553



89.4103, 0.2973, 0.3617



92.3572, 0.2885, 0.3327



20.2981, 0.3057, 0.3428



37.9862, 0.2788, 0.5237



3.7200, 0.2726, 0.5014

Inverse Universe

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



73.9148, 0.3278, 0.3041



69.0654, 0.3318, 0.2984



72.7458, 0.3433, 0.3254



18.1603, 0.3205, 0.3156



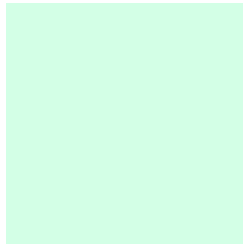
12.2096, 0.4672, 0.2348



1.2107, 0.4459, 0.2230

Previews

White Background



This preview shows how the Yxy color 91.0821, 0.3000, 0.3553 looks on a white background.

Color Contrast Check

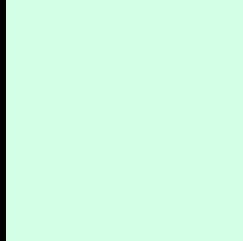
Large Text (above 18pt) WCAG AA × Fail

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 91.0821, 0.3000, 0.3553 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

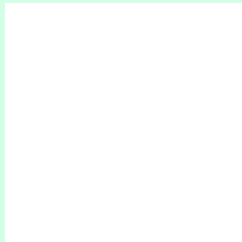
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.0821, 0.3000, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 91.0821, 0.3000, 0.3553.

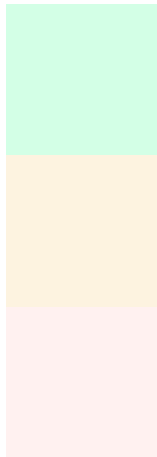


This preview shows how white text looks on a background with the Yxy color 91.0821, 0.3000, 0.3553.

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

91.0821, 0.3000, 0.3553

Protanopia

90.3656, 0.3311, 0.3478

Deuteranopia

90.4619, 0.3226, 0.3300



Tritanopia

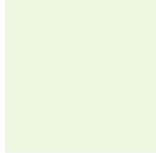
90.6240, 0.2999, 0.3200

Trichromacy



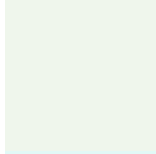
Original Color

91.0821, 0.3000, 0.3553



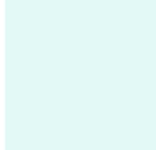
Protanomaly

90.1897, 0.3195, 0.3503



Deuteranomaly

90.3184, 0.3142, 0.3390



Tritanomaly

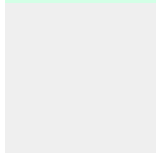
90.5739, 0.3001, 0.3320

Monochromacy



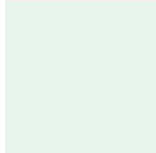
Original Color

91.0821, 0.3000, 0.3553



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.0190, 0.3078, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.0821, 0.3000, 0.3553 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(211, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(211, 255, 230)  
}
```

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(211, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 230) }
```

Border

The CSS property to change the border of an element to Yxy 91.0821, 0.3000, 0.3553 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(211, 255, 230) }
```

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

```
.border{ border-color:rgb(211, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 91.0821, 0.3000, 0.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 230) }
```

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

```
.background{ background-color: rgb(211,  
255, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor