

Converting Colors

$Yxy(91.3284, 0.2891, 0.3390)$

Have a look what the booklet for
Yxy(91.3284, 0.2891, 0.3390)
contains.

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Color

Yxy(91.2344, 0.2890, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	CEFFF5
RGB	206, 255, 245
RGB Percent	81%, 100%, 96%
CMY	0.1923, 0.0000, 0.0393
CMYK	0.19, 0.00, 0.04, 0.00
HSL	168°, 100%, 90%
HSV	168°, 19%, 100%
XYZ	77.6863, 91.2344, 99.8901
YIQ	239.2090, -25.9940, -13.4980

Conversions

Conversions Part 2

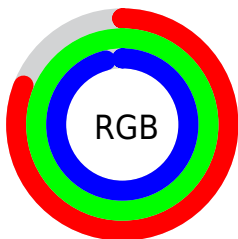
Format	Color
R_{YB}	206, 233, 255
Decimal	13565941
CIE _{Lab}	96.51, -17.45, -0.36
CIE _{LCh}	97, 17.456, 181.176
Y _{xy}	91.2344, 0.2890, 0.3394
Android (android.graphics.Color)	4291756021 (0xFFCEFF5)
Y _{UV}	239.2090, 2.8550, -29.1243
Hunter-Lab	95.5167, -21.9753, 4.8570

Details

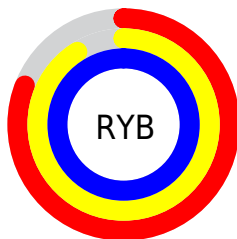
The Yxy color **91.2344, 0.2890, 0.3394** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.3445, 0.3432, 0.3189**, and the grayscale version is **86.4707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6416, 0.2838, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **87.5579, 0.2778, 0.3455**, and if you desaturate by 10%, it is **95.5014, 0.3011, 0.3337**.

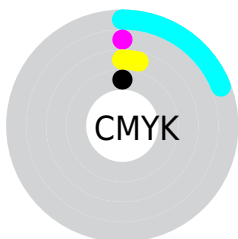
Distribution



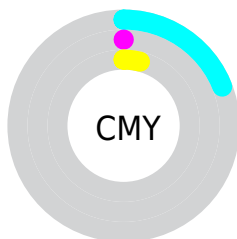
- Red (81%)
- Green (100%)
- Blue (96%)



- Red (81%)
- Yellow (91%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.2344, 0.2890, 0.3394 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 91.2344, 0.2890, 0.3394 by changing the saturation by 10% instead.


 91.2344, 0.2890,
0.3394

 91.2344, 0.2890,
0.3394

532.0382, 0.2995,
0.3348

 69.0049, 0.2867,
0.3404


149.0518, 0.2926,
0.3378

 50.7157, 0.2839,
0.3416


185.4086, 0.2940,
0.3372

 35.9824, 0.2804,
0.3431


227.2432, 0.2952,
0.3367

 24.4206, 0.2760,
0.3450

274.9401, 0.2963,
0.3362

 15.6459, 0.2702,
0.3476

328.8836, 0.2972,
0.3358

 9.2739, 0.2622,
0.3510

389.4582, 0.2981,

 4.9203, 0.2506,

0.3354

0.3560

457.0483, 0.2988,
0.3351

2.2006, 0.2321,
0.3640

0.7203, 0.1446,
0.4028

91.2344, 0.2890,
0.3394

91.2344, 0.2890,
0.3394

87.5579, 0.2778,
0.3455

95.5014, 0.3011,
0.3337

84.4590, 0.2677,
0.3521

100.0000, 0.3127,
0.3290

81.9015, 0.2590,
0.3591

79.8516, 0.2521,
0.3664

■ 78.2714, 0.2470,
0.3739

■ 77.1180, 0.2440,
0.3814

■ 76.3399, 0.2429,
0.3890

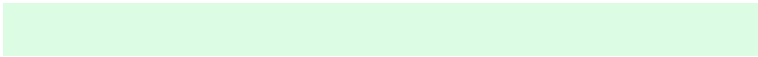
■ 75.8602, 0.2435,
0.3964

■ 75.8283, 0.2436,
0.3970

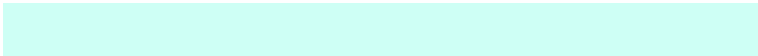
Harmonies

Analogous

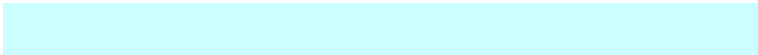
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2344, 0.3065, 0.3550



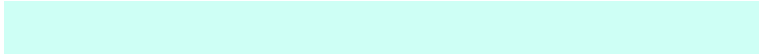
91.2344, 0.2890, 0.3394



91.2344, 0.2779, 0.3212

Triad

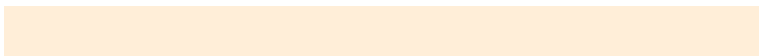
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.2344, 0.2890, 0.3394



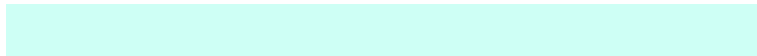
91.2344, 0.2986, 0.2972



91.2344, 0.3509, 0.3506

Complementary

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



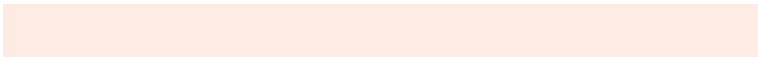
91.2344, 0.2890, 0.3394



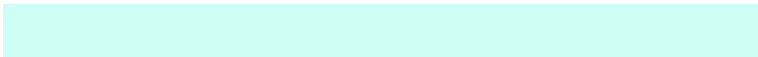
70.3445, 0.3432, 0.3189

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.



91.2344, 0.3488, 0.3350



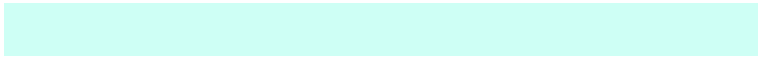
91.2344, 0.2890, 0.3394



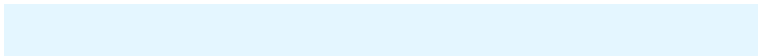
91.2344, 0.3181, 0.3049

Square

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



91.2344, 0.2890, 0.3394



91.2344, 0.2833, 0.2974



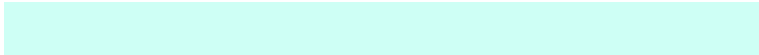
91.2344, 0.3366, 0.3185



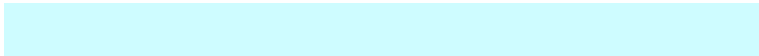
91.2344, 0.3425, 0.3611

Rectangle

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



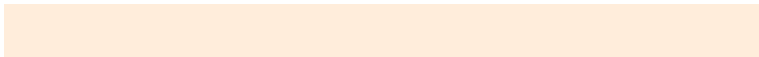
91.2344, 0.2890, 0.3394



91.2344, 0.2755, 0.3104



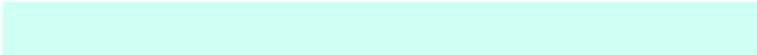
91.2344, 0.3366, 0.3185



91.2344, 0.3514, 0.3458

Sweetspot

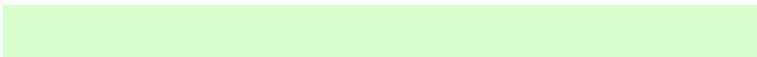
The Sweet Spot groups the original color and five complimentary colors.



91.2291, 0.2890, 0.3394



97.0132, 0.3051, 0.3320



90.6640, 0.3168, 0.3810



20.6982, 0.3043, 0.3324



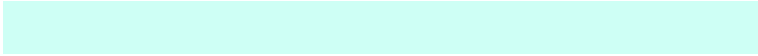
0.0000, 0.0000, 0.0000



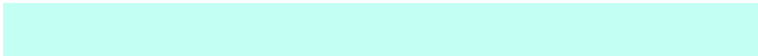
21.4041, 0.3127, 0.3290

Same Dimension

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



91.2291, 0.2890, 0.3394



89.7752, 0.2846, 0.3416



83.3118, 0.2829, 0.3143



20.4142, 0.3007, 0.3339



39.6441, 0.2433, 0.3958



3.8753, 0.2409, 0.3872

Inverse Universe

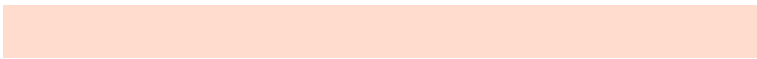
The Inverse Universe completely reimagines the original color for something new.



70.3445, 0.3432, 0.3189



65.4681, 0.3508, 0.3168



76.8281, 0.3481, 0.3432



18.0477, 0.3262, 0.3242



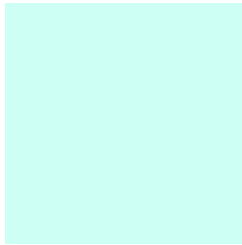
11.2557, 0.6069, 0.3117



1.1107, 0.5769, 0.2952

Previews

White Background



This preview shows how the Yxy color 91.2344, 0.2890, 0.3394 looks on a white background.

Color Contrast Check

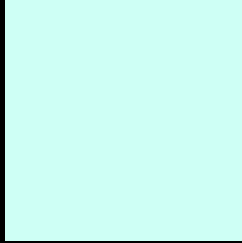
Large Text (above 18pt) WCAG AA × Fail

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 91.2344, 0.2890, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

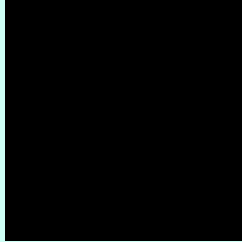
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

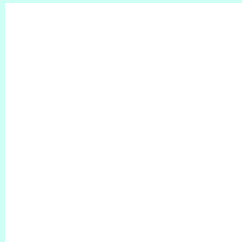
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.2344, 0.2890, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 91.2344, 0.2890, 0.3394.

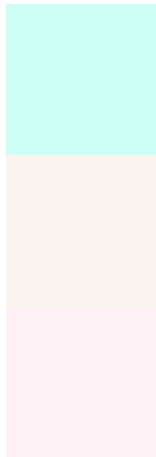


This preview shows how white text looks on a background with the Yxy color 91.2344, 0.2890, 0.3394.

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

91.2344, 0.2890, 0.3394

Protanopia

90.5982, 0.3203, 0.3339

Deuteranopia

90.8244, 0.3188, 0.3242



Tritanopia

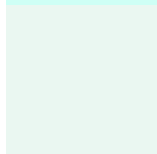
90.8973, 0.2987, 0.3210

Trichromacy



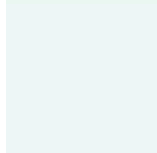
Original Color

91.2344, 0.2890, 0.3394



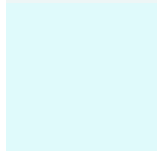
Protanomaly

90.3648, 0.3080, 0.3350



Deuteranomaly

90.5699, 0.3070, 0.3290



Tritanomaly

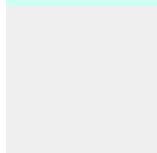
91.0242, 0.2955, 0.3279

Monochromacy



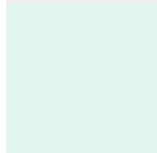
Original Color

91.2344, 0.2890, 0.3394



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

87.9866, 0.3036, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2344, 0.2890, 0.3394 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(206, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 245)  
}
```

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(206, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 245) }
```

Border

The CSS property to change the border of an element to Yxy 91.2344, 0.2890, 0.3394 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(206, 255, 245) }
```

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

```
.border{ border-color:rgb(206, 255, 245) }
```

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

Here you see how a box with a 4 pixel rgb(206, 255, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2344, 0.2890, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 245) }
```

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

```
.background{ background-color: rgb(206,  
255, 245) }
```

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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