

Converting Colors

$Y_{xy}(91.3230, 0.2848, 0.3331)$

Have a look what the booklet for
Yxy(91.3230, 0.2848, 0.3331)
contains.

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Color

Yxy(91.3224, 0.2848, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	CCFFFB
RGB	204, 255, 251
RGB Percent	80%, 100%, 98%
CMY	0.1998, 0.0000, 0.0158
CMYK	0.20, 0.00, 0.02, 0.00
HSL	175°, 100%, 90%
HSV	175°, 20%, 100%
XYZ	78.0805, 91.3224, 104.7562
YIQ	239.2950, -29.1120, -12.0560

Conversions

Conversions Part 2

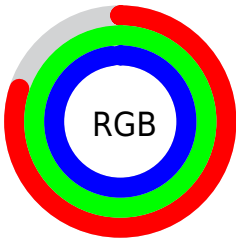
Format	Color
R_{YB}	204, 231, 255
Decimal	13434875
CIE Lab	96.54, -16.82, -3.40
CIE LCh	97, 17.159, 191.434
Yxy	91.3224, 0.2848, 0.3331
Android (android.graphics.Color)	4291624955 (0xFFCCFFFB)
YUV	239.2950, 5.7706, -30.9537
Hunter-Lab	95.5628, -21.3896, 1.9000

Details

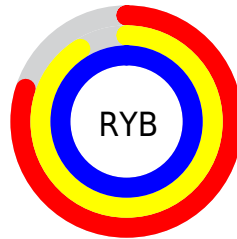
The Yxy color **91.3224, 0.2848, 0.3331** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.0263, 0.3495, 0.3250**, and the grayscale version is **86.5374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.7179, 0.2786, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **87.8856, 0.2723, 0.3354**, and if you desaturate by 10%, it is **95.3579, 0.2984, 0.3310**.

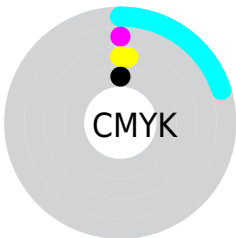
Distribution



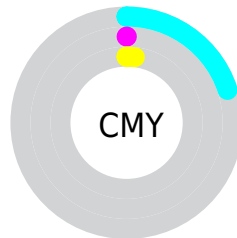
- Red (80%)
- Green (100%)
- Blue (98%)



- Red (80%)
- Yellow (91%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)




- Cyan (20%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.3224, 0.2848, 0.3331 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 91.3224, 0.2848, 0.3331 by changing the saturation by 10% instead.


 91.3224, 0.2848,
0.3331

 91.3224, 0.2848,
0.3331

532.3232, 0.2971,
0.3314

 69.0780, 0.2821,
0.3335

149.1739, 0.2890,
0.3325

 50.7752, 0.2789,
0.3339


185.5498, 0.2906,
0.3323

 36.0297, 0.2748,
0.3344


227.4049, 0.2921,
0.3321

 24.4572, 0.2697,
0.3350

275.1237, 0.2933,
0.3319

 15.6731, 0.2630,
0.3357

329.0905, 0.2944,
0.3318

 9.2931, 0.2539,
0.3367

389.6898, 0.2954,

 4.9329, 0.2406,

0.3316

0.3379

457.3059, 0.2963,
0.3315

■ 2.2079, 0.2199,
0.3393

■ 0.7243, 0.1369,
0.3568

■ 91.3224, 0.2848,
0.3331

■ 91.3224, 0.2848,
0.3331

■ 87.8856, 0.2723,
0.3354

■ 95.3579, 0.2984,
0.3310

■ 85.0077, 0.2611,
0.3379

99.9984, 0.3127,
0.3290

■ 82.6613, 0.2515,
0.3405

■ 80.8124, 0.2438,
0.3431

■ 79.4229, 0.2379,
0.3458

■ 78.4493, 0.2341,
0.3485

■ 77.8396, 0.2321,
0.3512

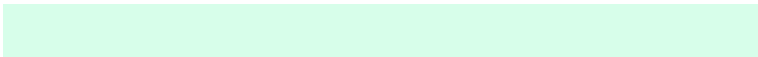
■ 77.5092, 0.2316,
0.3539

■ 77.5087, 0.2316,
0.3539

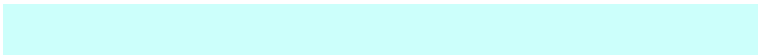
Harmonies

Analogous

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



91.3224, 0.3003, 0.3500



91.3224, 0.2848, 0.3331



91.3224, 0.2768, 0.3156

Triad

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



91.3224, 0.2848, 0.3331



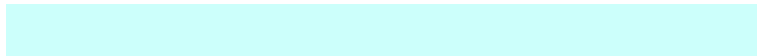
91.3224, 0.3051, 0.2995



91.3224, 0.3485, 0.3546

Complementary

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



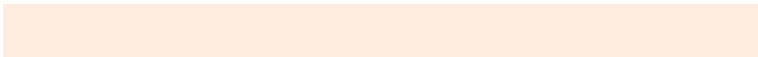
91.3224, 0.2848, 0.3331



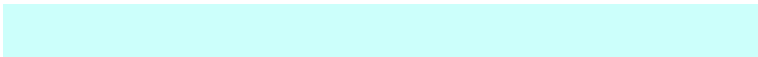
69.0263, 0.3495, 0.3250

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.



91.3224, 0.3501, 0.3405



91.3224, 0.2848, 0.3331



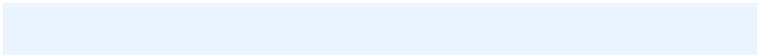
91.3224, 0.3246, 0.3093

Square

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



91.3224, 0.2848, 0.3331



91.3224, 0.2882, 0.2969



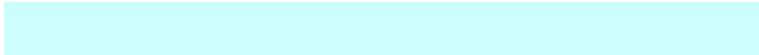
91.3224, 0.3412, 0.3241



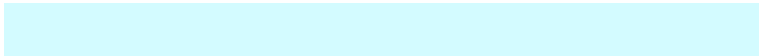
91.3224, 0.3372, 0.3623

Rectangle

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



91.3224, 0.2848, 0.3331



91.3224, 0.2765, 0.3062



91.3224, 0.3412, 0.3241



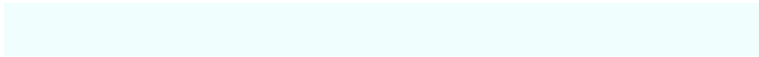
91.3224, 0.3502, 0.3504

Sweetspot

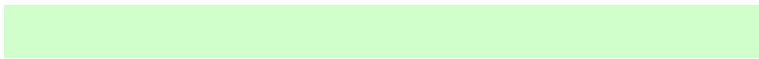
The Sweet Spot groups the original color and five complimentary colors.



91.3262, 0.2848, 0.3331



97.1352, 0.3040, 0.3302



89.3331, 0.3127, 0.3840



20.7271, 0.3031, 0.3303



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

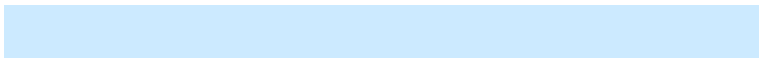
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.3262, 0.2848, 0.3331



89.8756, 0.2796, 0.3340



78.7784, 0.2813, 0.3064



20.4553, 0.2991, 0.3309



40.5113, 0.2315, 0.3534



3.9515, 0.2307, 0.3504

Inverse Universe

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



69.0263, 0.3495, 0.3250



63.8611, 0.3591, 0.3241



79.6222, 0.3485, 0.3506



18.0103, 0.3282, 0.3272



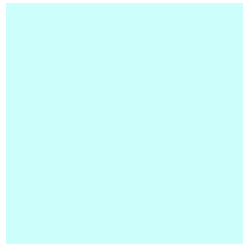
11.1436, 0.6318, 0.3254



1.0927, 0.6141, 0.3156

Previews

White Background



This preview shows how the Yxy color 91.3224, 0.2848, 0.3331 looks on a white background.

Color Contrast Check

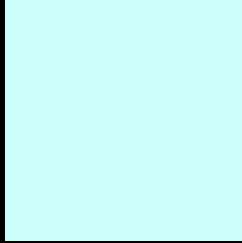
Large Text (above 18pt) WCAG AA × Fail

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 91.3224, 0.2848, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

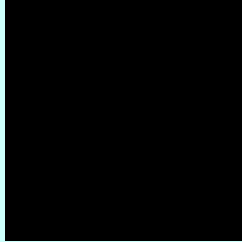
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.3224, 0.2848, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 91.3224, 0.2848, 0.3331.

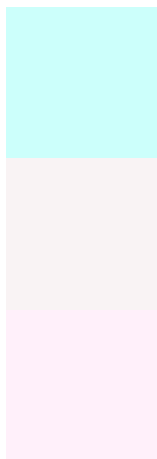


This preview shows how white text looks on a background with the Yxy color 91.3224, 0.2848, 0.3331.

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

91.3224, 0.2848, 0.3331

Protanopia

90.7726, 0.3160, 0.3280

Deuteranopia

90.4823, 0.3164, 0.3194



Tritanopia

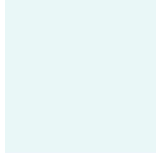
90.8973, 0.2987, 0.3210

Trichromacy



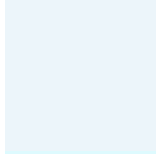
Original Color

91.3224, 0.2848, 0.3331



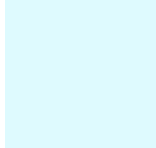
Protanomaly

90.5606, 0.3039, 0.3290



Deuteranomaly

90.0398, 0.3041, 0.3240



Tritanomaly

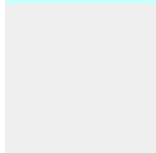
91.0566, 0.2933, 0.3249

Monochromacy



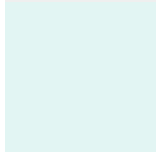
Original Color

91.3224, 0.2848, 0.3331



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

87.9446, 0.3018, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.3224, 0.2848, 0.3331 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(204, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(204, 255, 251)  
}
```

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(204, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 255, 251) }
```

Border

The CSS property to change the border of an element to Yxy 91.3224, 0.2848, 0.3331 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(204, 255, 251) }
```

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

```
.border{ border-color:rgb(204, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(204, 255,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 91.3224, 0.2848, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 255, 251) }
```

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

```
.background{ background-color: rgb(204,  
255, 251) }
```

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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