

Converting Colors

$Yxy(92.1653, 0.2878, 0.3327)$

Have a look what the booklet for
Yxy(92.1653, 0.2878, 0.3327)
contains.

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Color

Yxy(92.1867, 0.2881, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	D2FFFB
RGB	210, 255, 251
RGB Percent	82%, 100%, 98%
CMY	0.1767, 0.0000, 0.0158
CMYK	0.18, 0.00, 0.02, 0.00
HSL	175°, 100%, 91%
HSV	175°, 18%, 100%
XYZ	79.7328, 92.1867, 104.8343
YIQ	241.0890, -25.5360, -10.7840

Conversions

Conversions Part 2

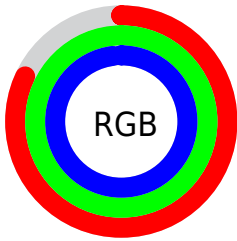
Format	Color
R_{YB}	210, 234, 255
Decimal	13828091
CIE _{Lab}	96.90, -15.06, -2.84
CIE _{LCh}	97, 15.329, 190.678
Yxy	92.1867, 0.2881, 0.3331
Android (android.graphics.Color)	4292018171 (0xFFD2FFFB)
YUV	241.0890, 4.8861, -27.2651
Hunter-Lab	96.0139, -19.7927, 2.4730

Details

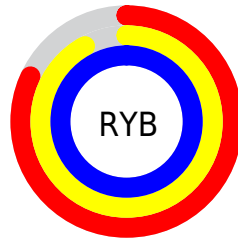
The Yxy color **92.1867, 0.2881, 0.3331** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.1735, 0.3440, 0.3250**, and the grayscale version is **87.9930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2969, 0.2827, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **88.5845, 0.2754, 0.3357**, and if you desaturate by 10%, it is **96.3640, 0.3018, 0.3307**.

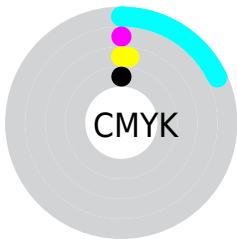
Distribution



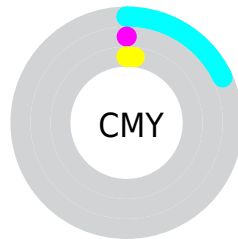
- Red (82%)
- Green (100%)
- Blue (98%)



- Red (82%)
- Yellow (92%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.1867, 0.2881, 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 92.1867, 0.2881, 0.3331 by changing the saturation by 10% instead.


 92.1867, 0.2881,
0.3331

 92.1867, 0.2881,
0.3331


535.1187, 0.2990,
0.3314

 69.7957, 0.2857,
0.3335


150.3721, 0.2918,
0.3325

 51.3600, 0.2829,
0.3339


186.9354, 0.2932,
0.3323

 36.4952, 0.2793,
0.3344


228.9914, 0.2945,
0.3321

 24.8169, 0.2748,
0.3351

276.9248, 0.2956,
0.3319

 15.9407, 0.2689,
0.3359

331.1198, 0.2966,
0.3318

 9.4822, 0.2609,
0.3369

391.9609, 0.2975,

 5.0570, 0.2492,

0.3316

459.8324, 0.2983,
0.3315

0.3383

2.2808, 0.2309,
0.3402

0.7635, 0.1663,
0.3546

92.1867, 0.2881,
0.3331

92.1867, 0.2881,
0.3331

88.5845, 0.2754,
0.3357

96.3640, 0.3018,
0.3307

85.5635, 0.2640,
0.3384

100.0000, 0.3127,
0.3290

83.0819, 0.2541,
0.3413

81.1063, 0.2460,
0.3443

■ 79.5997, 0.2398,
0.3474

■ 78.5199, 0.2356,
0.3505

■ 77.8175, 0.2333,
0.3536

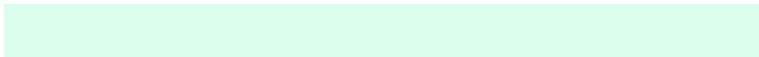
■ 77.4268, 0.2326,
0.3566

■ 77.3583, 0.2326,
0.3573

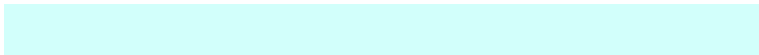
Harmonies

Analogous

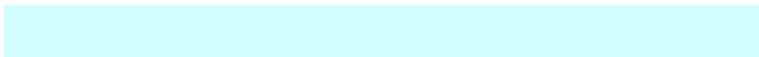
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.1867, 0.3021, 0.3479



92.1867, 0.2881, 0.3331



92.1867, 0.2807, 0.3175

Triad

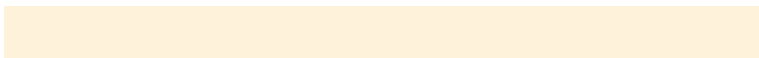
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.1867, 0.2881, 0.3331



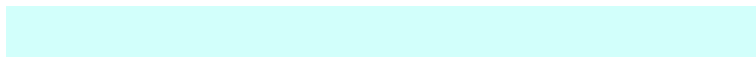
92.1867, 0.3056, 0.3025



92.1867, 0.3447, 0.3516

Complementary

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



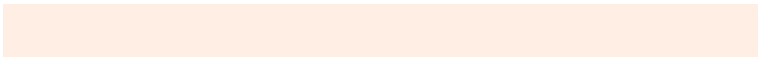
92.1867, 0.2881, 0.3331



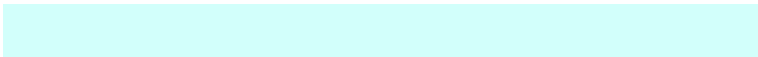
72.1735, 0.3440, 0.3250

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.



92.1867, 0.3459, 0.3390



92.1867, 0.2881, 0.3331



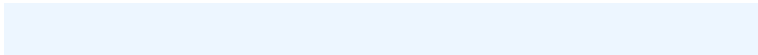
92.1867, 0.3229, 0.3111

Square

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



92.1867, 0.2881, 0.3331



92.1867, 0.2905, 0.3004



92.1867, 0.3378, 0.3243



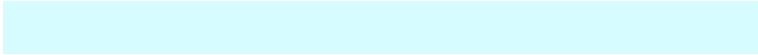
92.1867, 0.3349, 0.3585

Rectangle

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



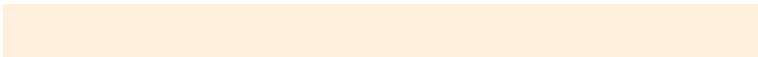
92.1867, 0.2881, 0.3331



92.1867, 0.2803, 0.3090



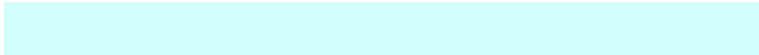
92.1867, 0.3378, 0.3243



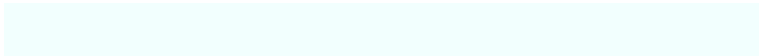
92.1867, 0.3462, 0.3479

Sweetspot

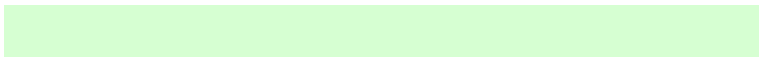
The Sweet Spot groups the original color and five complimentary colors.



92.1752, 0.2881, 0.3331



97.5883, 0.3055, 0.3301



90.5323, 0.3132, 0.3769



20.8181, 0.3045, 0.3302



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

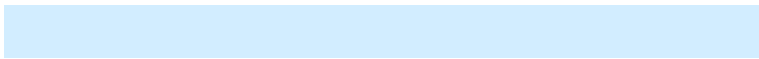
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.1752, 0.2881, 0.3331



90.9156, 0.2838, 0.3339



81.4649, 0.2850, 0.3101



20.4518, 0.2992, 0.3311



40.4330, 0.2325, 0.3568



3.9447, 0.2315, 0.3533

Inverse Universe

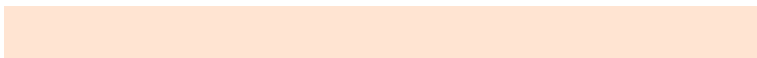
The Inverse Universe completely reimagines the original color for something new.



72.1735, 0.3440, 0.3250



67.7111, 0.3514, 0.3242



81.3748, 0.3439, 0.3472



18.0134, 0.3280, 0.3269



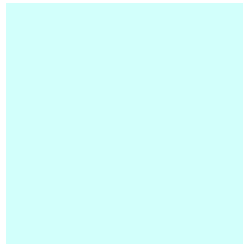
11.1496, 0.6304, 0.3246



1.0941, 0.6108, 0.3139

Previews

White Background



This preview shows how the Yxy color 92.1867, 0.2881, 0.3331 looks on a white background.

Color Contrast Check

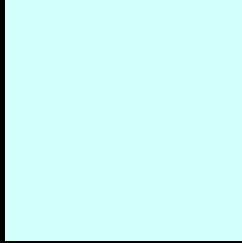
Large Text (above 18pt) WCAG AA × Fail

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 92.1867, 0.2881, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

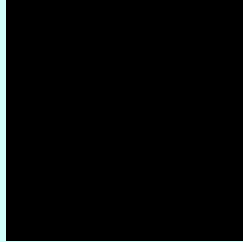
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

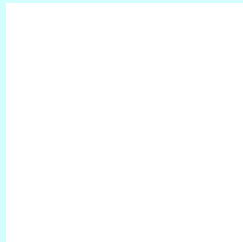
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.1867, 0.2881, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 92.1867, 0.2881, 0.3331.

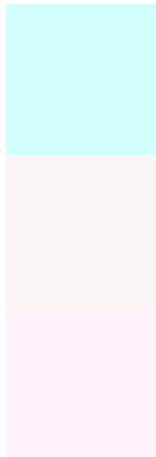


This preview shows how white text looks on a background with the Yxy color 92.1867, 0.2881, 0.3331.

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

92.1867, 0.2881, 0.3331

Protanopia

91.6179, 0.3160, 0.3280

Deuteranopia

91.6664, 0.3163, 0.3213



Tritanopia

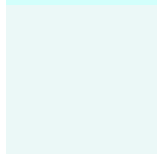
92.0170, 0.3005, 0.3220

Trichromacy



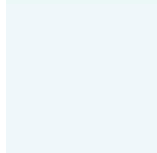
Original Color

92.1867, 0.2881, 0.3331



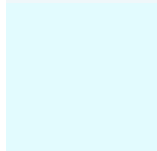
Protanomaly

91.5124, 0.3051, 0.3300



Deuteranomaly

91.7744, 0.3059, 0.3260



Tritanomaly

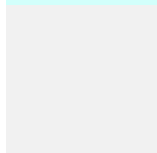
92.3189, 0.2957, 0.3259

Monochromacy



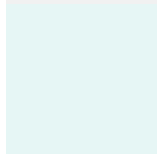
Original Color

92.1867, 0.2881, 0.3331



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.3271, 0.3032, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.1867, 0.2881, 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(210, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 251) }
```

Border

The CSS property to change the border of an element to Yxy 92.1867, 0.2881, 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(210, 255, 251) }
```

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

```
.border{ border-color:rgb(210, 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(210, 255, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 92.1867, 0.2881, 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(210, 255, 251) }
```

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

```
.background{ background-color: rgb(210,  
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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