

Converting Colors

$Y_{xy}(153.9682, 0.2991, 0.4131)$

Have a look what the booklet for
Yxy(153.9682, 0.2991, 0.4131)
contains.

Yxy(92.9309, 0.2987, 0.3433)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.9309, 0.2987, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	DBFFF1
RGB	219, 255, 241
RGB Percent	86%, 100%, 95%
CMY	0.1411, 0.0000, 0.0548
CMYK	0.14, 0.00, 0.05, 0.00
HSL	157°, 100%, 93%
HSV	157°, 14%, 100%
XYZ	80.8577, 92.9309, 96.9102
YIQ	242.6400, -16.9620, -11.9860

Conversions

Conversions Part 2

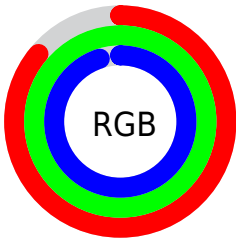
Format	Color
R _Y B	219, 241, 255
Decimal	14417905
CIE Lab	97.20, -14.16, 2.79
CIE LCh	97, 14.435, 168.860
Yxy	92.9309, 0.2987, 0.3433
Android (android.graphics.Color)	4292607985 (0xFFDBFFF1)
YUV	242.6400, -0.8085, -20.7323
Hunter-Lab	96.4007, -18.9812, 7.8771

Details

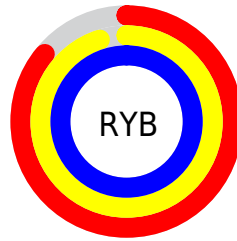
The Yxy color **92.9309, 0.2987, 0.3433** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.8182, 0.3292, 0.3151**, and the grayscale version is **89.3497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.7835, 0.2959, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **88.7013, 0.2893, 0.3548**, and if you desaturate by 10%, it is **97.8063, 0.3086, 0.3329**.

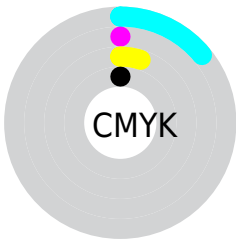
Distribution



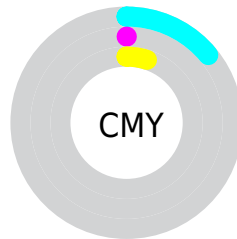
- Red (86%)
- Green (100%)
- Blue (95%)



- Red (86%)
- Yellow (95%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.9309, 0.2987, 0.3433 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 92.9309, 0.2987, 0.3433 by changing the saturation by 10% instead.


 92.9309, 0.2987,
0.3433

 92.9309, 0.2987,
0.3433


537.5195, 0.3049,
0.3369

 70.4141, 0.2973,
0.3447


151.4029, 0.3008,
0.3411

 51.8642, 0.2957,
0.3464


188.1269, 0.3017,
0.3403

 36.8968, 0.2936,
0.3486


230.3555, 0.3024,
0.3395

 25.1276, 0.2909,
0.3513

278.4729, 0.3030,
0.3389

 16.1722, 0.2875,
0.3550

332.8636, 0.3036,
0.3383

 9.6461, 0.2826,
0.3600

393.9120, 0.3041,

 5.1649, 0.2755,

0.3378

0.3675

462.0025, 0.3045,
0.3373

■ 2.3444, 0.2641,
0.3799

■ 0.7970, 0.2189,
0.4236

■ 92.9309, 0.2987,
0.3433

■ 92.9309, 0.2987,
0.3433

■ 88.7013, 0.2893,
0.3548


■ 97.8063, 0.3086,
0.3329


■ 85.0779, 0.2806,
0.3673

99.9989, 0.3127,
0.3290


■ 82.0344, 0.2730,
0.3809


■ 79.5381, 0.2668,
0.3952

 77.5528, 0.2623,
0.4102

 76.0380, 0.2597,
0.4255

 74.9466, 0.2592,
0.4408

 74.2209, 0.2607,
0.4558

 73.9167, 0.2623,
0.4644

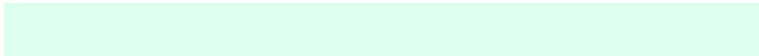
Harmonies

Analogous

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



92.9309, 0.3144, 0.3539



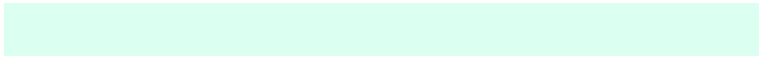
92.9309, 0.2987, 0.3433



92.9309, 0.2870, 0.3288

Triad

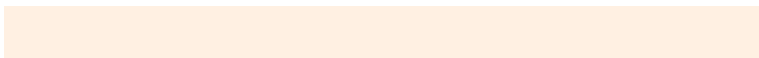
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.9309, 0.2987, 0.3433



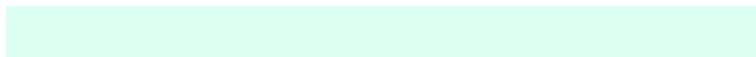
92.9309, 0.2953, 0.3019



92.9309, 0.3444, 0.3420

Complementary

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



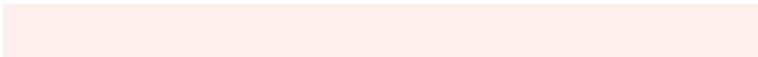
92.9309, 0.2987, 0.3433



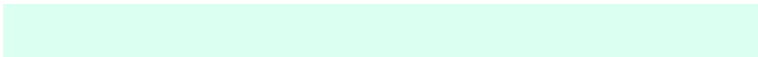
77.8182, 0.3292, 0.3151

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.



92.9309, 0.3391, 0.3284



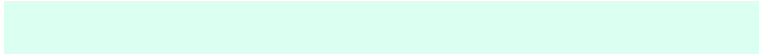
92.9309, 0.2987, 0.3433



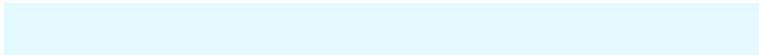
92.9309, 0.3104, 0.3057

Square

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



92.9309, 0.2987, 0.3433



92.9309, 0.2850, 0.3051



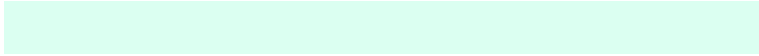
92.9309, 0.3265, 0.3153



92.9309, 0.3410, 0.3527

Rectangle

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



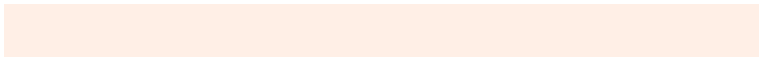
92.9309, 0.2987, 0.3433



92.9309, 0.2828, 0.3191



92.9309, 0.3265, 0.3153



92.9309, 0.3436, 0.3376

Sweetspot

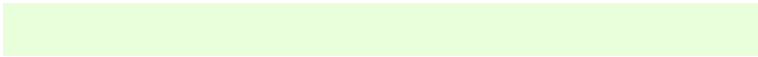
The Sweet Spot groups the original color and five complimentary colors.



92.9348, 0.2987, 0.3433



97.8639, 0.3087, 0.3328



94.0280, 0.3200, 0.3656



20.8635, 0.3079, 0.3336



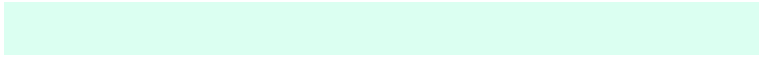
0.0000, 0.0000, 0.0000



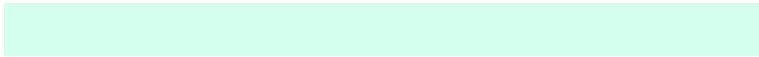
21.4041, 0.3127, 0.3290

Same Dimension

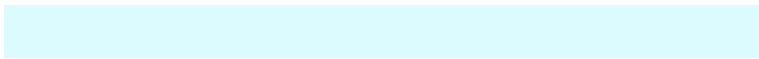
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.9348, 0.2987, 0.3433



91.6474, 0.2959, 0.3465



91.5287, 0.2910, 0.3253



20.3549, 0.3032, 0.3384



38.6538, 0.2617, 0.4620



3.7850, 0.2570, 0.4451

Inverse Universe

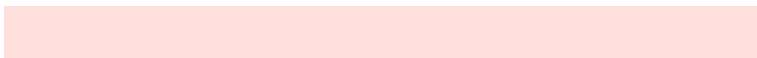
The Inverse Universe completely reimagines the original color for something new.



77.8182, 0.3292, 0.3151



73.8010, 0.3332, 0.3122



78.9485, 0.3384, 0.3327



18.1039, 0.3233, 0.3198



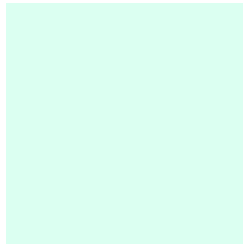
11.6073, 0.5431, 0.2765



1.1508, 0.5125, 0.2597

Previews

White Background



This preview shows how the Yxy color 92.9309, 0.2987, 0.3433 looks on a white background.

Color Contrast Check

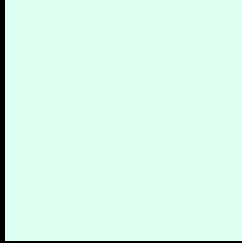
Large Text (above 18pt) WCAG AA × Fail

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 92.9309, 0.2987, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

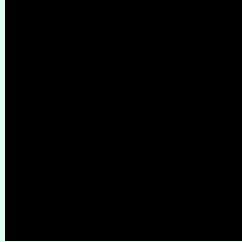
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

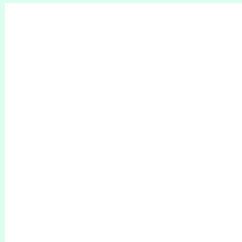
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.9309, 0.2987, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 92.9309, 0.2987, 0.3433.

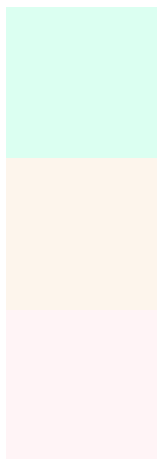


This preview shows how white text looks on a background with the Yxy color 92.9309, 0.2987, 0.3433.

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

92.9309, 0.2987, 0.3433

Protanopia

92.2436, 0.3234, 0.3378

Deuteranopia

92.6152, 0.3186, 0.3271

Tritanopia

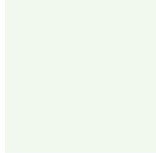
92.7055, 0.3030, 0.3221

Trichromacy



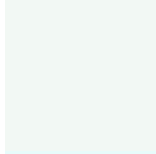
Original Color

92.9309, 0.2987, 0.3433



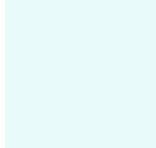
Protanomaly

92.6252, 0.3141, 0.3400



Deuteranomaly

92.5437, 0.3113, 0.3330



Tritanomaly

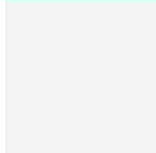
93.0523, 0.3015, 0.3300

Monochromacy



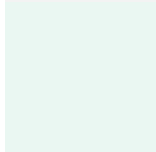
Original Color

92.9309, 0.2987, 0.3433



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.4248, 0.3074, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9309, 0.2987, 0.3433 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(219, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 241)  
}
```

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(219, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 241) }
```

Border

The CSS property to change the border of an element to Yxy 92.9309, 0.2987, 0.3433 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(219, 255, 241) }
```

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

```
.border{ border-color:rgb(219, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9309, 0.2987, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 241) }
```

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

```
.background{ background-color: rgb(219,  
255, 241) }
```

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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