

Converting Colors

$Y_{xy}(100.0000, 0.2926, 0.3475)$

Have a look what the booklet for
Yxy(100.0000, 0.2926, 0.3475)
contains.

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Color

Yxy(92.5935, 0.2920, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	D6FFF8
RGB	214, 255, 248
RGB Percent	84%, 100%, 97%
CMY	0.1607, 0.0000, 0.0274
CMYK	0.16, 0.00, 0.03, 0.00
HSL	170°, 100%, 92%
HSV	170°, 16%, 100%
XYZ	80.4442, 92.5935, 102.4562
YIQ	241.9430, -22.1890, -10.8690

Conversions

Conversions Part 2

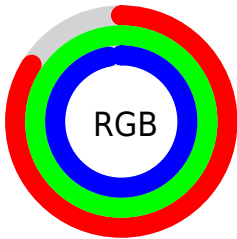
Format	Color
R_{YB}	214, 236, 255
Decimal	14090232
CIE _{Lab}	97.06, -14.38, -1.05
CIE _{LCh}	97, 14.419, 184.175
Yxy	92.5935, 0.2920, 0.3361
Android (android.graphics.Color)	4292280312 (0xFFD6FFF8)
YUV	241.9430, 2.9861, -24.5060
Hunter-Lab	96.2255, -19.1692, 4.2288

Details

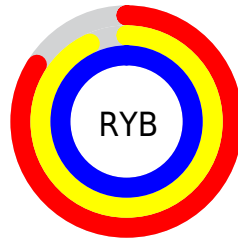
The Yxy color **92.5935, 0.2920, 0.3361** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.5903, 0.3383, 0.3220**, and the grayscale version is **88.7425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.5649, 0.2875, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **88.7891, 0.2801, 0.3411**, and if you desaturate by 10%, it is **97.0125, 0.3047, 0.3316**.

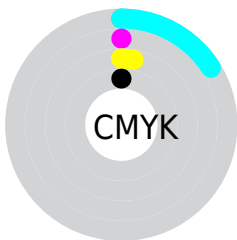
Distribution



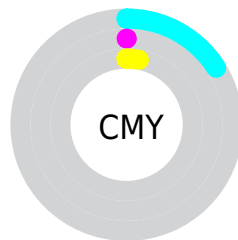
- Red (84%)
- Green (100%)
- Blue (97%)



- Red (84%)
- Yellow (93%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.5935, 0.2920, 0.3361 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 92.5935, 0.2920, 0.3361 by changing the saturation by 10% instead.


 92.5935, 0.2920,
0.3361

 92.5935, 0.2920,
0.3361

536.4318, 0.3012,
0.3330

 70.1337, 0.2900,
0.3368

150.9357, 0.2951,
0.3351

 51.6355, 0.2876,
0.3376


187.5869, 0.2963,
0.3346

 36.7146, 0.2846,
0.3386


229.7373, 0.2974,
0.3343

 24.9866, 0.2808,
0.3399

277.7713, 0.2983,
0.3340

 16.0671, 0.2758,
0.3415

332.0734, 0.2992,
0.3337

 9.5716, 0.2689,
0.3438

393.0279, 0.2999,

 5.1159, 0.2589,

0.3334

0.3470

461.0192, 0.3006,
0.3332

■ 2.3154, 0.2432,
0.3520

■ 0.7819, 0.1868,
0.3726

■ 92.5935, 0.2920,
0.3361

■ 92.5935, 0.2920,
0.3361

■ 88.7891, 0.2801,
0.3411

■ 97.0125, 0.3047,
0.3316

■ 85.5597, 0.2692,
0.3464

99.9974, 0.3127,
0.3290

■ 82.8792, 0.2598,
0.3521

■ 80.7147, 0.2520,
0.3580

■ 79.0298, 0.2461,
0.3641

■ 77.7833, 0.2421,
0.3703

■ 76.9271, 0.2402,
0.3765

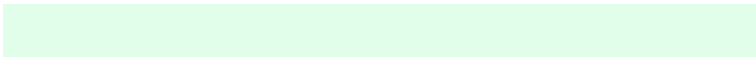
■ 76.4012, 0.2400,
0.3826

■ 76.2500, 0.2403,
0.3850

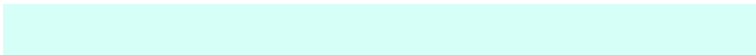
Harmonies

Analogous

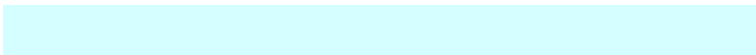
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5935, 0.3061, 0.3492



92.5935, 0.2920, 0.3361



92.5935, 0.2835, 0.3213

Triad

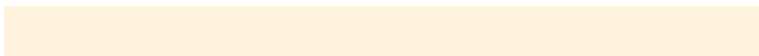
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.5935, 0.2920, 0.3361



92.5935, 0.3026, 0.3030



92.5935, 0.3438, 0.3480

Complementary

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



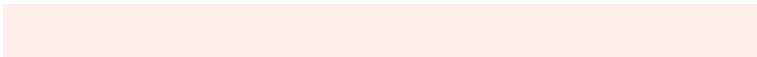
92.5935, 0.2920, 0.3361



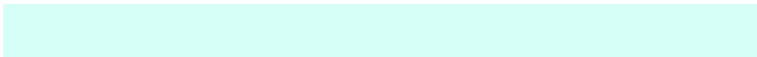
74.5903, 0.3383, 0.3220

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.



92.5935, 0.3429, 0.3355



92.5935, 0.2920, 0.3361



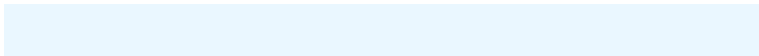
92.5935, 0.3188, 0.3100

Square

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



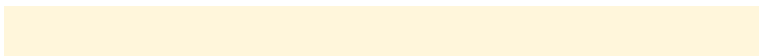
92.5935, 0.2920, 0.3361



92.5935, 0.2895, 0.3026



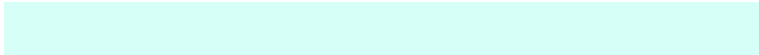
92.5935, 0.3336, 0.3217



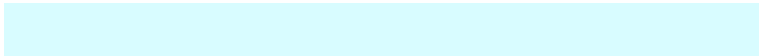
92.5935, 0.3361, 0.3559

Rectangle

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



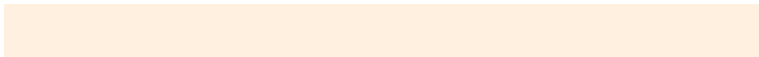
92.5935, 0.2920, 0.3361



92.5935, 0.2820, 0.3126



92.5935, 0.3336, 0.3217



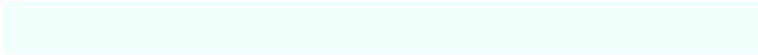
92.5935, 0.3445, 0.3442

Sweetspot

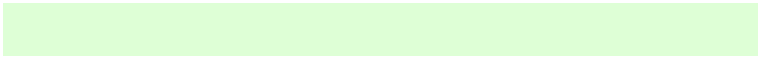
The Sweet Spot groups the original color and five complimentary colors.



92.5973, 0.2920, 0.3361



97.5225, 0.3061, 0.3311



91.8318, 0.3154, 0.3718



20.8020, 0.3052, 0.3314



0.0000, 0.0000, 0.0000



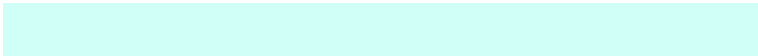
21.4041, 0.3127, 0.3290

Same Dimension

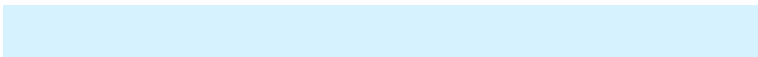
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.5973, 0.2920, 0.3361



91.4208, 0.2884, 0.3375



85.0398, 0.2877, 0.3155



20.4252, 0.3003, 0.3331



39.8632, 0.2400, 0.3840



3.8948, 0.2380, 0.3770

Inverse Universe

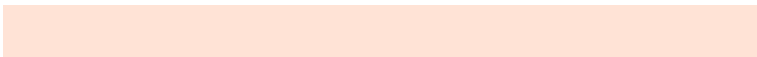
The Inverse Universe completely reimagines the original color for something new.



74.5903, 0.3383, 0.3220



70.5638, 0.3440, 0.3207



81.0569, 0.3412, 0.3421



18.0375, 0.3267, 0.3250



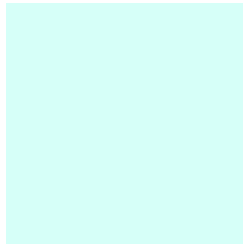
11.2162, 0.6153, 0.3163



1.1054, 0.5871, 0.3008

Previews

White Background



This preview shows how the Yxy color 92.5935, 0.2920, 0.3361 looks on a white background.

Color Contrast Check

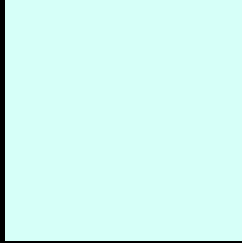
Large Text (above 18pt) WCAG AA × Fail

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 92.5935, 0.2920, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

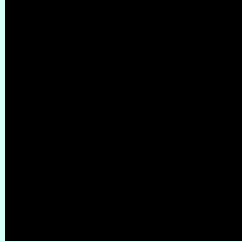
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

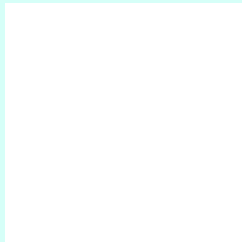
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.5935, 0.2920, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 92.5935, 0.2920, 0.3361.

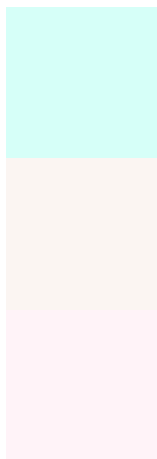


This preview shows how white text looks on a background with the Yxy color 92.5935, 0.2920, 0.3361.

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

92.5935, 0.2920, 0.3361

Protanopia

92.2249, 0.3184, 0.3319

Deuteranopia

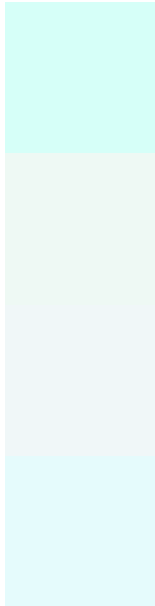
92.1385, 0.3175, 0.3242



Tritanopia

92.3593, 0.3018, 0.3221

Trichromacy



Original Color

92.5935, 0.2920, 0.3361

Protanomaly

92.4602, 0.3087, 0.3340

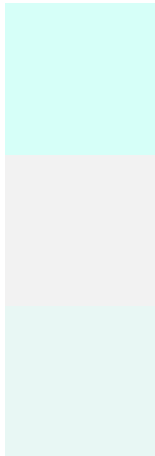
Deuteranomaly

91.8241, 0.3077, 0.3280

Tritanomaly

92.6806, 0.2986, 0.3280

Monochromacy



Original Color

92.5935, 0.2920, 0.3361

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

90.2090, 0.3050, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.5935, 0.2920, 0.3361 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(214, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 248)  
}
```

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(214, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 248) }
```

Border

The CSS property to change the border of an element to Yxy 92.5935, 0.2920, 0.3361 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(214, 255, 248) }
```

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

```
.border{ border-color:rgb(214, 255, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 92.5935, 0.2920, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 248) }
```

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

```
.background{ background-color: rgb(214,  
255, 248) }
```

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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