

Converting Colors

$Y_{xy}(100.0000, 0.2951, 0.3461)$

Have a look what the booklet for
Yxy(100.0000, 0.2951, 0.3461)
contains.

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Color

Yxy(93.3574, 0.2949, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	DBFFF8
RGB	219, 255, 248
RGB Percent	86%, 100%, 97%
CMY	0.1412, 0.0000, 0.0275
CMYK	0.14, 0.00, 0.03, 0.00
HSL	168°, 100%, 93%
HSV	168°, 14%, 100%
XYZ	81.9134, 93.3574, 102.4959
YIQ	243.4380, -19.2090, -9.8090

Conversions

Conversions Part 2

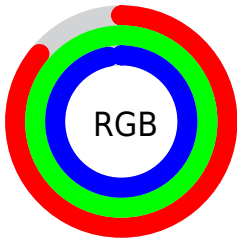
Format	Color
R_{YB}	219, 239, 255
Decimal	14417912
CIE _{Lab}	97.37, -12.85, -0.54
CIE _{LCh}	97, 12.866, 182.408
Yxy	93.3574, 0.2949, 0.3361
Android (android.graphics.Color)	4292607992 (0xFFDBFFF8)
YUV	243.4380, 2.2491, -21.4321
Hunter-Lab	96.6216, -17.7600, 4.7405

Details

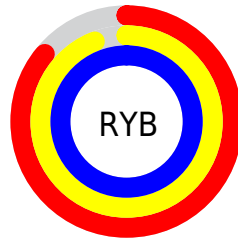
The Yxy color **93.3574, 0.2949, 0.3361** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.4129, 0.3340, 0.3220**, and the grayscale version is **89.9850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.0865, 0.2911, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **89.3949, 0.2831, 0.3417**, and if you desaturate by 10%, it is **97.9310, 0.3074, 0.3310**.

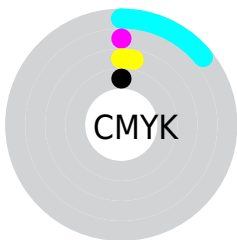
Distribution



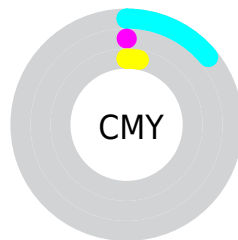
- Red (86%)
- Green (100%)
- Blue (97%)



- Red (86%)
- Yellow (94%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.3574, 0.2949, 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 93.3574, 0.2949, 0.3361 by changing the saturation by 10% instead.


 93.3574, 0.2949,
0.3361

 93.3574, 0.2949,
0.3361

538.8929, 0.3028,
0.3330

 70.7686, 0.2932,
0.3368


151.9933, 0.2976,
0.3350

 52.1534, 0.2911,
0.3376


188.8092, 0.2986,
0.3346

 37.1273, 0.2885,
0.3386


231.1363, 0.2995,
0.3343

 25.3061, 0.2852,
0.3399

279.3589, 0.3003,
0.3339

 16.3053, 0.2809,
0.3416

333.8615, 0.3011,
0.3337

 9.7404, 0.2751,
0.3439

395.0284, 0.3017,

 5.2272, 0.2665,

0.3334

0.3472

463.2441, 0.3023,
0.3332

■ 2.3812, 0.2529,
0.3524

■ 0.8162, 0.2095,
0.3702

■ 93.3574, 0.2949,
0.3361

■ 93.3574, 0.2949,
0.3361

■ 89.3949, 0.2831,
0.3417


■ 97.9310, 0.3074,
0.3310

■ 86.0204, 0.2723,
0.3478

100.0000, 0.3127,
0.3290


■ 83.2026, 0.2628,
0.3542


■ 80.9093, 0.2549,
0.3610

 79.1049, 0.2487,
0.3680

 77.7493, 0.2446,
0.3752

 76.7957, 0.2424,
0.3824

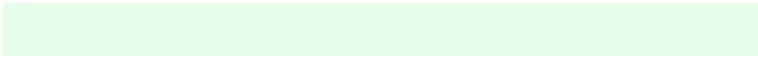
 76.1873, 0.2422,
0.3895

 75.9431, 0.2427,
0.3937

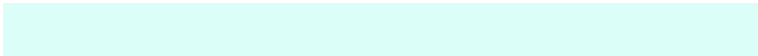
Harmonies

Analogous

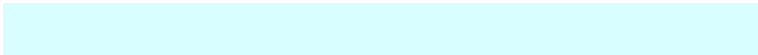
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3574, 0.3077, 0.3475



93.3574, 0.2949, 0.3361



93.3574, 0.2869, 0.3229

Triad

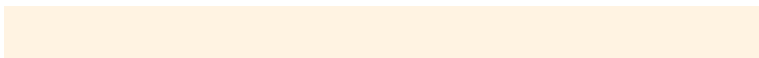
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.3574, 0.2949, 0.3361



93.3574, 0.3030, 0.3056



93.3574, 0.3405, 0.3454

Complementary

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



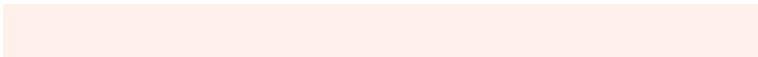
93.3574, 0.2949, 0.3361



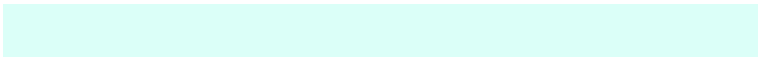
77.4129, 0.3340, 0.3220

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.



93.3574, 0.3392, 0.3341



93.3574, 0.2949, 0.3361



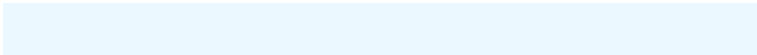
93.3574, 0.3173, 0.3115

Square

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



93.3574, 0.2949, 0.3361



93.3574, 0.2915, 0.3057



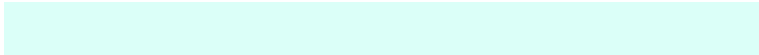
93.3574, 0.3307, 0.3218



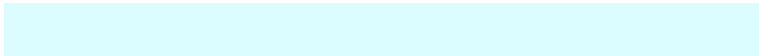
93.3574, 0.3341, 0.3527

Rectangle

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



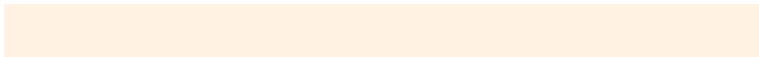
93.3574, 0.2949, 0.3361



93.3574, 0.2853, 0.3151



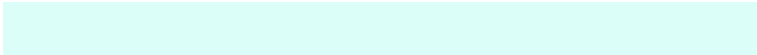
93.3574, 0.3307, 0.3218



93.3574, 0.3410, 0.3420

Sweetspot

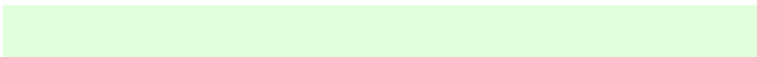
The Sweet Spot groups the original color and five complimentary colors.



93.3559, 0.2949, 0.3361



97.9892, 0.3076, 0.3309



92.8350, 0.3154, 0.3662



20.8952, 0.3066, 0.3313



0.0000, 0.0000, 0.0000



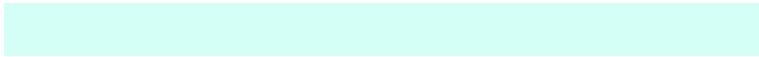
21.4041, 0.3127, 0.3290

Same Dimension

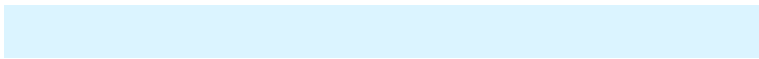
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.3559, 0.2949, 0.3361



92.1530, 0.2914, 0.3377



87.1007, 0.2908, 0.3179



20.4172, 0.3006, 0.3337



39.7034, 0.2424, 0.3925



3.8806, 0.2401, 0.3844

Inverse Universe

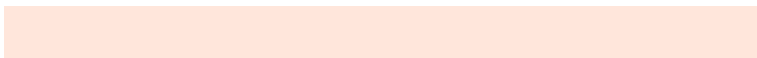
The Inverse Universe completely reimagines the original color for something new.



77.4129, 0.3340, 0.3220



73.3446, 0.3393, 0.3205



82.8554, 0.3374, 0.3399



18.0449, 0.3264, 0.3244



11.2440, 0.6093, 0.3130



1.1092, 0.5798, 0.2968

Previews

White Background



This preview shows how the Yxy color 93.3574, 0.2949, 0.3361 looks on a white background.

Color Contrast Check

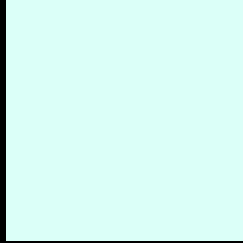
Large Text (above 18pt) WCAG AA × Fail

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 93.3574, 0.2949, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

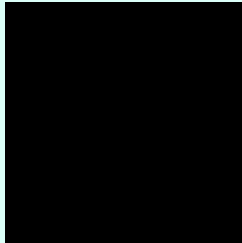
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

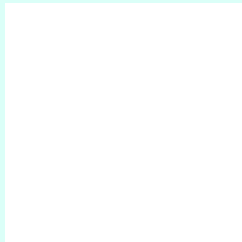
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.3574, 0.2949, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 93.3574, 0.2949, 0.3361.

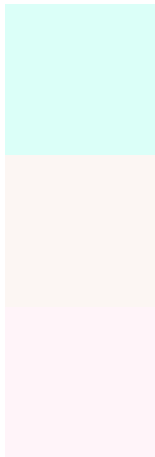


This preview shows how white text looks on a background with the Yxy color 93.3574, 0.2949, 0.3361.

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

93.3574, 0.2949, 0.3361

Protanopia

93.0780, 0.3184, 0.3319

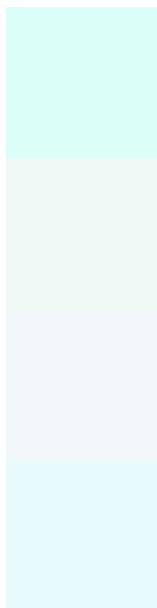
Deuteranopia

92.8009, 0.3168, 0.3242

Tritanopia

92.8801, 0.3036, 0.3221

Trichromacy



Original Color

93.3574, 0.2949, 0.3361

Protanomaly

92.8692, 0.3094, 0.3330

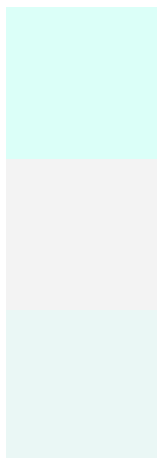
Deuteranomaly

92.8516, 0.3083, 0.3280

Tritanomaly

93.1784, 0.3004, 0.3280

Monochromacy



Original Color

93.3574, 0.2949, 0.3361

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.6065, 0.3057, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.3574, 0.2949, 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(219, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 248) }
```

Border

The CSS property to change the border of an element to Yxy 93.3574, 0.2949, 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(219, 255, 248) }
```

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

```
.border{ border-color:rgb(219, 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(219, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 93.3574, 0.2949, 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(219, 255, 248) }
```

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

```
.background{ background-color: rgb(219,  
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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