

Converting Colors

$Y_{xy}(100.0000, 0.2981, 0.3501)$

Have a look what the booklet for
Yxy(100.0000, 0.2981, 0.3501)
contains.

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Color

Yxy(93.4238, 0.2982, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	DDFFF4
RGB	221, 255, 244
RGB Percent	87%, 100%, 96%
CMY	0.1336, 0.0000, 0.0431
CMYK	0.13, 0.00, 0.04, 0.00
HSL	161°, 100%, 93%
HSV	161°, 13%, 100%
XYZ	81.8900, 93.4238, 99.3005
YIQ	243.5800, -16.7330, -10.6290

Conversions

Conversions Part 2

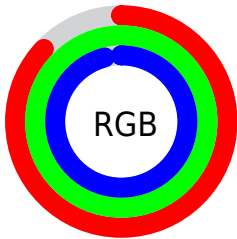
Format	Color
R _Y B	221, 241, 255
Decimal	14548980
CIE Lab	97.40, -13.02, 1.56
CIE LCh	97, 13.110, 173.147
Yxy	93.4238, 0.2982, 0.3402
Android (android.graphics.Color)	4292739060 (0xFFDDFFF4)
YUV	243.5800, 0.2071, -19.8027
Hunter-Lab	96.6560, -17.9172, 6.7470

Details

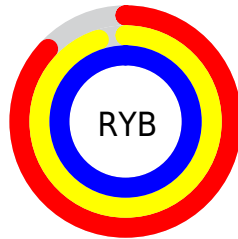
The Yxy color **93.4238, 0.2982, 0.3402** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.7556, 0.3297, 0.3181**, and the grayscale version is **90.1024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.1260, 0.2953, 0.3421** is the 20% darker color. If you saturate the color by 10%, you get **89.2212, 0.2879, 0.3496**, and if you desaturate by 10%, it is **98.2328, 0.3090, 0.3317**.

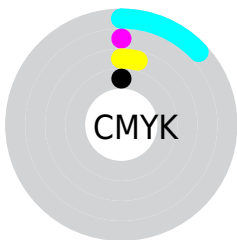
Distribution



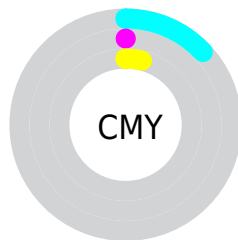
- Red (87%)
- Green (100%)
- Blue (96%)



- Red (87%)
- Yellow (95%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.4238, 0.2982, 0.3402 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 93.4238, 0.2982, 0.3402 by changing the saturation by 10% instead.


 93.4238, 0.2982,
0.3402

 93.4238, 0.2982,
0.3402


539.1065, 0.3046,
0.3352

 70.8238, 0.2968,
0.3413


152.0852, 0.3004,
0.3385

 52.1984, 0.2951,
0.3426


188.9154, 0.3012,
0.3378

 37.1633, 0.2930,
0.3443


231.2578, 0.3020,
0.3373

 25.3339, 0.2903,
0.3464

279.4968, 0.3027,
0.3368

 16.3260, 0.2867,
0.3492

334.0168, 0.3032,
0.3363

 9.7551, 0.2818,
0.3531

395.2021, 0.3038,

 5.2369, 0.2746,

0.3359

0.3587

463.4373, 0.3042,
0.3355

■ 2.3869, 0.2632,
0.3680

■ 0.8192, 0.2234,
0.3972

■ 93.4238, 0.2982,
0.3402

■ 93.4238, 0.2982,
0.3402

■ 89.2212, 0.2879,
0.3496

■ 98.2328, 0.3090,
0.3317

■ 85.6330, 0.2784,
0.3598

100.0000, 0.3127,
0.3290

■ 82.6176, 0.2701,
0.3709

■ 80.1428, 0.2631,
0.3825

■ 78.1729, 0.2579,
0.3947

■ 76.6679, 0.2546,
0.4072

■ 75.5816, 0.2534,
0.4198

■ 74.8578, 0.2542,
0.4322

■ 74.5239, 0.2556,
0.4403

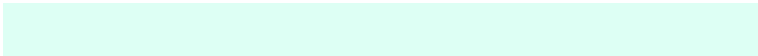
Harmonies

Analogous

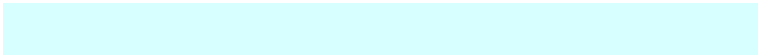
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.4238, 0.3121, 0.3505



93.4238, 0.2982, 0.3402



93.4238, 0.2883, 0.3269

Triad

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



93.4238, 0.2982, 0.3402



93.4238, 0.2987, 0.3045



93.4238, 0.3415, 0.3425

Complementary

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



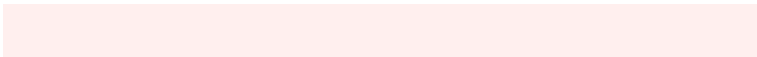
93.4238, 0.2982, 0.3402



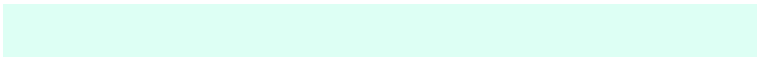
78.7556, 0.3297, 0.3181

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.



93.4238, 0.3377, 0.3303



93.4238, 0.2982, 0.3402



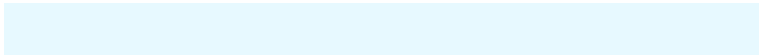
93.4238, 0.3128, 0.3088

Square

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



93.4238, 0.2982, 0.3402



93.4238, 0.2885, 0.3065



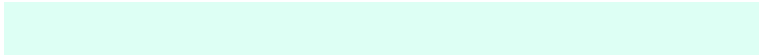
93.4238, 0.3272, 0.3181



93.4238, 0.3373, 0.3515

Rectangle

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



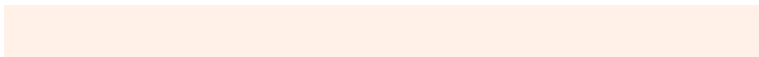
93.4238, 0.2982, 0.3402



93.4238, 0.2852, 0.3183



93.4238, 0.3272, 0.3181



93.4238, 0.3411, 0.3386

Sweetspot

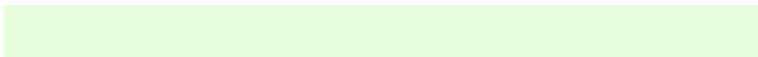
The Sweet Spot groups the original color and five complimentary colors.



93.4119, 0.2982, 0.3402



97.9062, 0.3083, 0.3322



93.9398, 0.3182, 0.3637



20.8742, 0.3075, 0.3328



0.0000, 0.0000, 0.0000



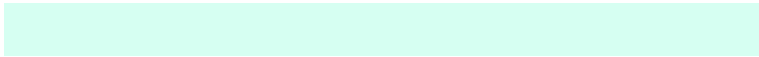
21.4041, 0.3127, 0.3290

Same Dimension

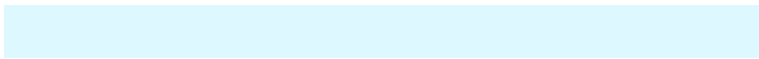
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.4119, 0.2982, 0.3402



92.2466, 0.2954, 0.3426



90.5303, 0.2921, 0.3232



20.3758, 0.3023, 0.3368



38.9689, 0.2551, 0.4383



3.8143, 0.2512, 0.4242

Inverse Universe

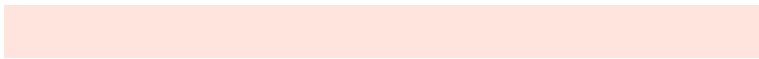
The Inverse Universe completely reimagines the original color for something new.



78.7556, 0.3297, 0.3181



75.0212, 0.3337, 0.3158



81.1985, 0.3366, 0.3347



18.0838, 0.3243, 0.3213



11.4539, 0.5686, 0.2906



1.1342, 0.5366, 0.2730

Previews

White Background



This preview shows how the Yxy color 93.4238, 0.2982, 0.3402 looks on a white background.

Color Contrast Check

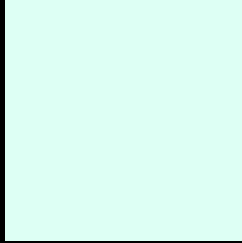
Large Text (above 18pt) WCAG AA × Fail

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 93.4238, 0.2982, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

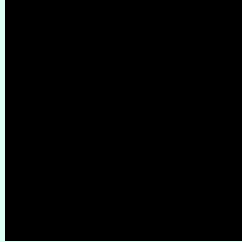
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

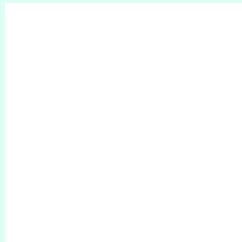
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.4238, 0.2982, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 93.4238, 0.2982, 0.3402.

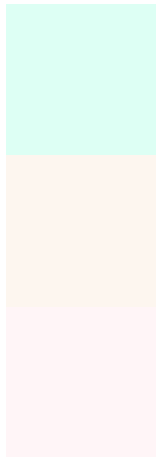


This preview shows how white text looks on a background with the Yxy color 93.4238, 0.2982, 0.3402.

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

93.4238, 0.2982, 0.3402

Protanopia

93.0262, 0.3215, 0.3358

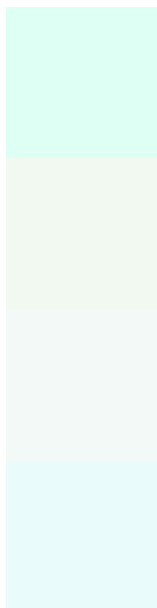
Deuteranopia

93.2802, 0.3180, 0.3271

Tritanopia

93.0556, 0.3042, 0.3221

Trichromacy



Original Color

93.4238, 0.2982, 0.3402

Protanomaly

92.8030, 0.3123, 0.3369

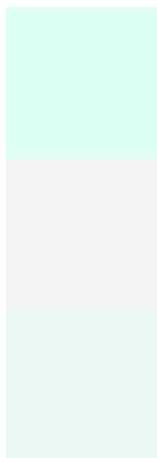
Deuteranomaly

93.4599, 0.3107, 0.3319

Tritanomaly

93.4518, 0.3022, 0.3290

Monochromacy



Original Color

93.4238, 0.2982, 0.3402

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.4993, 0.3075, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.4238, 0.2982, 0.3402 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(221, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 244)  
}
```

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(221, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 244) }
```

Border

The CSS property to change the border of an element to Yxy 93.4238, 0.2982, 0.3402 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(221, 255, 244) }
```

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

```
.border{ border-color:rgb(221, 255, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 255, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 93.4238, 0.2982, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 244) }
```

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

```
.background{ background-color: rgb(221,  
255, 244) }
```

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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