

Converting Colors

$Y_{xy}(100.0000, 0.2960, 0.3517)$

Have a look what the booklet for
Yxy(100.0000, 0.2960, 0.3517)
contains.

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Color

Yxy(92.8034, 0.2959, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	D9FFF4
RGB	217, 255, 244
RGB Percent	85%, 100%, 96%
CMY	0.1488, 0.0000, 0.0430
CMYK	0.15, 0.00, 0.04, 0.00
HSL	163°, 100%, 93%
HSV	163°, 15%, 100%
XYZ	80.7188, 92.8034, 99.2685
YIQ	242.3840, -19.1170, -11.4770

Conversions

Conversions Part 2

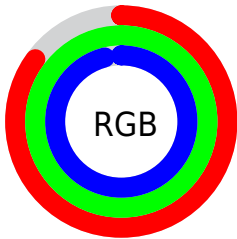
Format	Color
R_{YB}	217, 239, 255
Decimal	14286836
CIE _{Lab}	97.15, -14.21, 1.15
CIE _{LCh}	97, 14.257, 175.368
Yxy	92.8034, 0.2959, 0.3402
Android (android.graphics.Color)	4292476916 (0xFFD9FFF4)
YUV	242.3840, 0.7967, -22.2618
Hunter-Lab	96.3345, -19.0201, 6.3384

Details

The Yxy color **92.8034, 0.2959, 0.3402** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.5129, 0.3329, 0.3181**, and the grayscale version is **89.1285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.7004, 0.2923, 0.3422** is the 20% darker color. If you saturate the color by 10%, you get **88.7570, 0.2853, 0.3487**, and if you desaturate by 10%, it is **97.4791, 0.3071, 0.3325**.

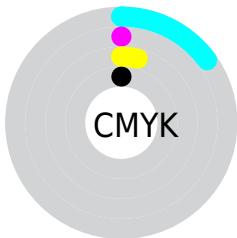
Distribution



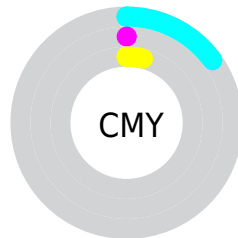
- Red (85%)
- Green (100%)
- Blue (96%)



- Red (85%)
- Yellow (94%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.8034, 0.2959, 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 92.8034, 0.2959, 0.3402 by changing the saturation by 10% instead.

 92.8034, 0.2959,
0.3402

 92.8034, 0.2959,
0.3402


537.1086, 0.3034,
0.3352

 70.3081, 0.2943,
0.3413

151.2264, 0.2984,
0.3385

 51.7778, 0.2923,
0.3426

187.9229, 0.2994,
0.3378

 36.8280, 0.2898,
0.3443


230.1219, 0.3003,
0.3373

 25.0743, 0.2867,
0.3464

278.2078, 0.3011,
0.3368

 16.1324, 0.2826,
0.3492

332.5651, 0.3017,
0.3363

 9.6179, 0.2769,
0.3530

393.5780, 0.3023,

 5.1464, 0.2686,

0.3359

0.3587

461.6311, 0.3029,
0.3355

■ 2.3334, 0.2553,
0.3679

■ 0.7913, 0.2049,
0.4001

■ 92.8034, 0.2959,
0.3402

■ 92.8034, 0.2959,
0.3402

■ 88.7570, 0.2853,
0.3487

■ 97.4791, 0.3071,
0.3325

■ 85.3006, 0.2756,
0.3579

99.9942, 0.3127,
0.3290

■ 82.4080, 0.2671,
0.3678

■ 80.0465, 0.2601,
0.3782

■ 78.1801, 0.2549,
0.3891

■ 76.7681, 0.2516,
0.4001

■ 75.7631, 0.2505,
0.4112

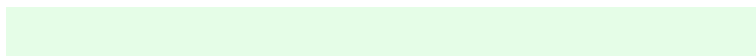
■ 75.1069, 0.2512,
0.4222

■ 74.8635, 0.2522,
0.4278

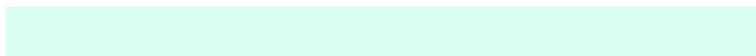
Harmonies

Analogous

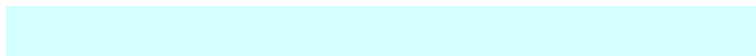
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8034, 0.3109, 0.3518



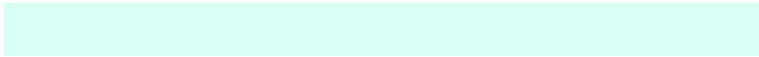
92.8034, 0.2959, 0.3402



92.8034, 0.2856, 0.3256

Triad

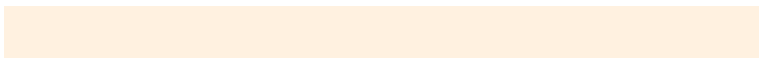
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.8034, 0.2959, 0.3402



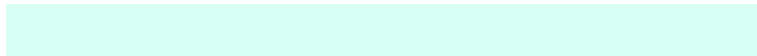
92.8034, 0.2985, 0.3025



92.8034, 0.3440, 0.3445

Complementary

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



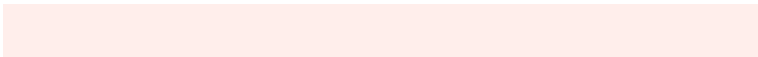
92.8034, 0.2959, 0.3402



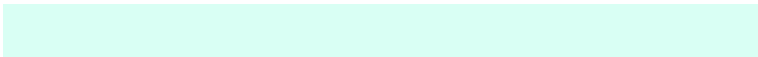
76.5129, 0.3329, 0.3181

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.



92.8034, 0.3406, 0.3314



92.8034, 0.2959, 0.3402



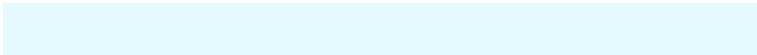
92.8034, 0.3140, 0.3076

Square

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



92.8034, 0.2959, 0.3402



92.8034, 0.2870, 0.3041



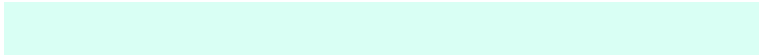
92.8034, 0.3295, 0.3180



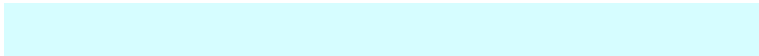
92.8034, 0.3388, 0.3540

Rectangle

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



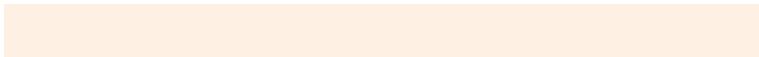
92.8034, 0.2959, 0.3402



92.8034, 0.2826, 0.3164



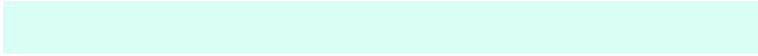
92.8034, 0.3295, 0.3180



92.8034, 0.3439, 0.3404

Sweetspot

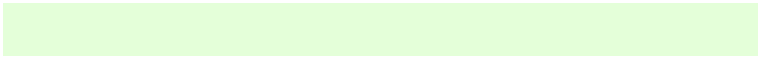
The Sweet Spot groups the original color and five complimentary colors.



92.8073, 0.2959, 0.3402



97.9282, 0.3081, 0.3318



93.0916, 0.3180, 0.3681



20.8798, 0.3073, 0.3324



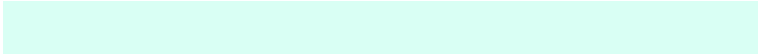
0.0000, 0.0000, 0.0000



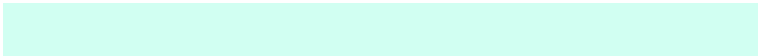
21.4041, 0.3127, 0.3290

Same Dimension

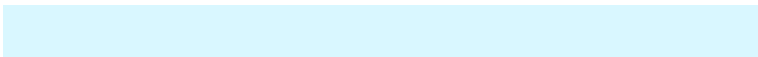
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.8073, 0.2959, 0.3402



91.4850, 0.2925, 0.3428



88.7474, 0.2897, 0.3212



20.3867, 0.3019, 0.3360



39.1482, 0.2517, 0.4260



3.8307, 0.2482, 0.4135

Inverse Universe

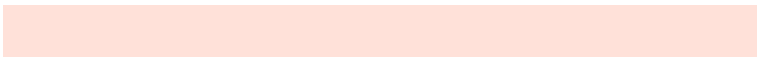
The Inverse Universe completely reimagines the original color for something new.



76.5129, 0.3329, 0.3181



72.2033, 0.3380, 0.3157



79.9265, 0.3395, 0.3367



18.0734, 0.3249, 0.3222



11.3871, 0.5807, 0.2973



1.1267, 0.5487, 0.2797

Previews

White Background



This preview shows how the Yxy color 92.8034, 0.2959, 0.3402 looks on a white background.

Color Contrast Check

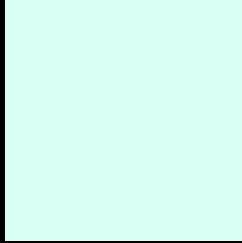
Large Text (above 18pt) WCAG AA × Fail

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 92.8034, 0.2959, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

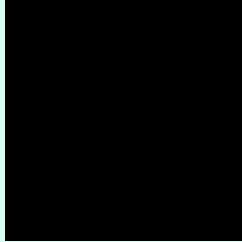
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

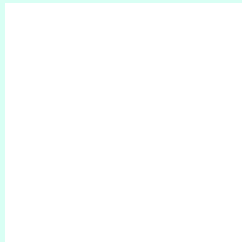
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.8034, 0.2959, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 92.8034, 0.2959, 0.3402.

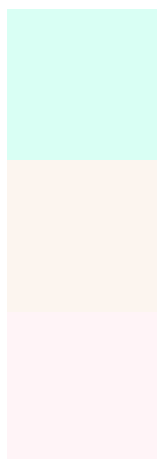


This preview shows how white text looks on a background with the Yxy color 92.8034, 0.2959, 0.3402.

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

92.8034, 0.2959, 0.3402

Protanopia

92.2323, 0.3209, 0.3349

Deuteranopia

92.6768, 0.3180, 0.3261



Tritanopia

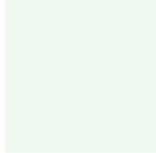
92.5319, 0.3024, 0.3221

Trichromacy



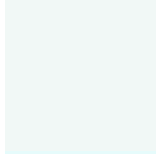
Original Color

92.8034, 0.2959, 0.3402



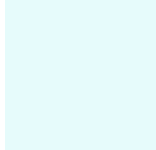
Protanomaly

92.4530, 0.3111, 0.3370



Deuteranomaly

92.4894, 0.3095, 0.3310



Tritanomaly

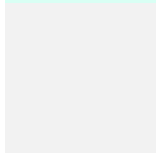
92.7824, 0.2997, 0.3290

Monochromacy



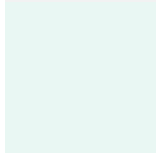
Original Color

92.8034, 0.2959, 0.3402



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.3162, 0.3062, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8034, 0.2959, 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(217, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 244) }
```

Border

The CSS property to change the border of an element to Yxy 92.8034, 0.2959, 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(217, 255, 244) }
```

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

```
.border{ border-color:rgb(217, 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(217, 255, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8034, 0.2959, 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(217, 255, 244) }
```

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

```
.background{ background-color: rgb(217,  
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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