

Converting Colors

$Yxy(92.4207, 0.2996, 0.3429)$

Have a look what the booklet for
Yxy(92.4207, 0.2996, 0.3429)
contains.

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Color

Yxy(92.3905, 0.2998, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	DCFEF0
RGB	220, 254, 240
RGB Percent	86%, 100%, 94%
CMY	0.1374, 0.0039, 0.0587
CMYK	0.13, 0.00, 0.05, 0.00
HSL	155°, 94%, 93%
HSV	155°, 13%, 100%
XYZ	80.6836, 92.3905, 96.0506
YIQ	242.2380, -15.7700, -11.5620

Conversions

Conversions Part 2

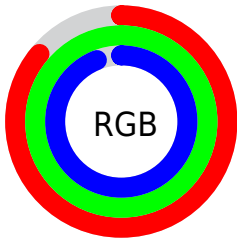
Format	Color
R _Y B	220, 241, 254
Decimal	14483184
CIE Lab	96.98, -13.56, 2.98
CIE LCh	97, 13.879, 167.601
Yxy	92.3905, 0.2998, 0.3433
Android (android.graphics.Color)	4292673264 (0xFFDCFEF0)
YUV	242.2380, -1.1033, -19.5027
Hunter-Lab	96.1200, -18.3762, 8.0368

Details

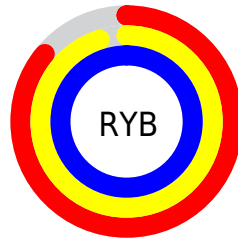
The Yxy color **92.3905, 0.2998, 0.3433** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.1818, 0.3277, 0.3151**, and the grayscale version is **89.0103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3925, 0.2973, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **88.1262, 0.2906, 0.3554**, and if you desaturate by 10%, it is **97.3003, 0.3094, 0.3324**.

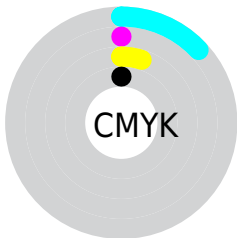
Distribution



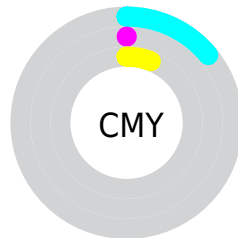
- Red (86%)
- Green (100%)
- Blue (94%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3905, 0.2998, 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 92.3905, 0.2998, 0.3433 by changing the saturation by 10% instead.


 92.3905, 0.2998,
0.3433

 92.3905, 0.2998,
0.3433


535.7768, 0.3056,
0.3369

 69.9650, 0.2985,
0.3447


150.6545, 0.3018,
0.3411

 51.4980, 0.2970,
0.3464

187.2618, 0.3025,
0.3403

 36.6051, 0.2951,
0.3486


229.3652, 0.3032,
0.3395

 24.9019, 0.2926,
0.3514

277.3490, 0.3038,
0.3389

 16.0040, 0.2894,
0.3550

331.5977, 0.3043,
0.3383

 9.5270, 0.2849,
0.3601

392.4956, 0.3048,

 5.0865, 0.2783,

0.3378

0.3677

460.4272, 0.3052,
0.3373

■ 2.2981, 0.2675,
0.3802

■ 0.7727, 0.2230,
0.4271

■ 92.3905, 0.2998,
0.3433

■ 92.3905, 0.2998,
0.3433

■ 88.1262, 0.2906,
0.3554


■ 97.3003, 0.3094,
0.3324

■ 84.4680, 0.2821,
0.3686


99.3691, 0.3128,
0.3281


■ 81.3900, 0.2747,
0.3829


■ 78.8600, 0.2685,
0.3980

 76.8424, 0.2641,
0.4139

 75.2971, 0.2615,
0.4301

 74.1780, 0.2611,
0.4463

 73.4289, 0.2626,
0.4622

 73.0840, 0.2645,
0.4723

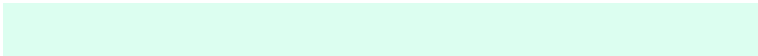
Harmonies

Analogous

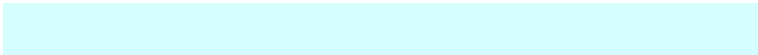
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3905, 0.3150, 0.3532



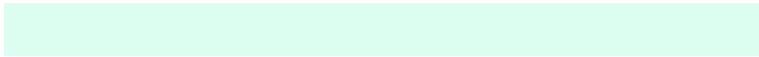
92.3905, 0.2998, 0.3433



92.3905, 0.2883, 0.3294

Triad

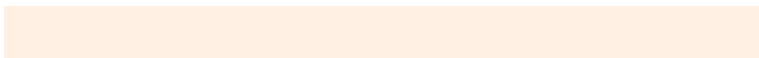
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.3905, 0.2998, 0.3433



92.3905, 0.2954, 0.3029



92.3905, 0.3432, 0.3410

Complementary

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



92.3905, 0.2998, 0.3433



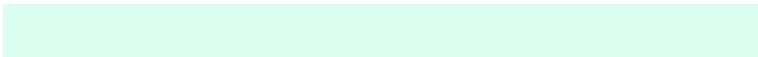
78.1818, 0.3277, 0.3151

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.



92.3905, 0.3377, 0.3279



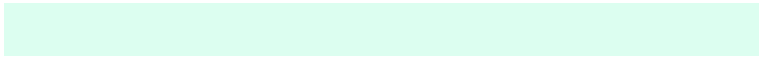
92.3905, 0.2998, 0.3433



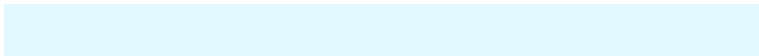
92.3905, 0.3099, 0.3063

Square

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



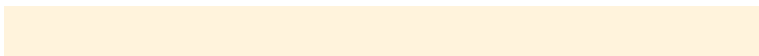
92.3905, 0.2998, 0.3433



92.3905, 0.2858, 0.3062



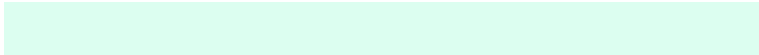
92.3905, 0.3254, 0.3153



92.3905, 0.3403, 0.3515

Rectangle

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



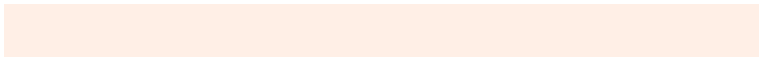
92.3905, 0.2998, 0.3433



92.3905, 0.2840, 0.3200



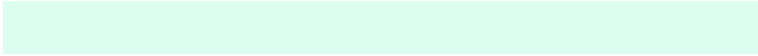
92.3905, 0.3254, 0.3153



92.3905, 0.3423, 0.3368

Sweetspot

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



92.3944, 0.2998, 0.3433



97.8499, 0.3088, 0.3331



93.5736, 0.3200, 0.3636



20.8599, 0.3081, 0.3338



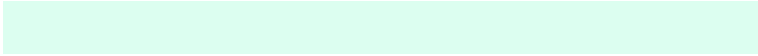
0.0000, 0.0000, 0.0000



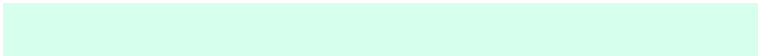
21.4041, 0.3127, 0.3290

Same Dimension

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



92.3944, 0.2998, 0.3433



92.0345, 0.2974, 0.3463



91.4699, 0.2921, 0.3261



20.3479, 0.3035, 0.3389



38.5579, 0.2638, 0.4698



3.7760, 0.2589, 0.4521

Inverse Universe

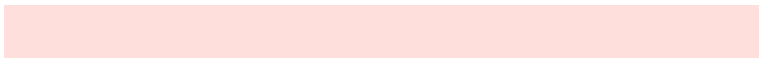
The Inverse Universe completely reimagines the original color for something new.



78.1818, 0.3277, 0.3151



75.2207, 0.3311, 0.3123



78.9120, 0.3370, 0.3319



18.1107, 0.3229, 0.3193



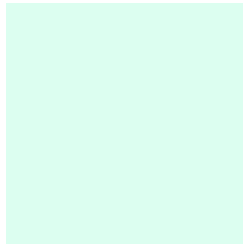
11.6657, 0.5342, 0.2716



1.1569, 0.5044, 0.2552

Previews

White Background



This preview shows how the Yxy color 92.3905, 0.2998, 0.3433 looks on a white background.

Color Contrast Check

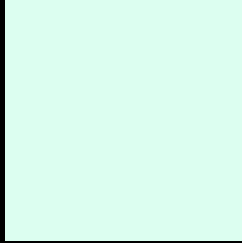
Large Text (above 18pt) WCAG AA × Fail

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 92.3905, 0.2998, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

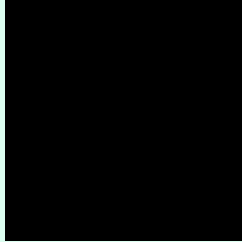
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

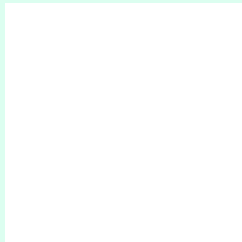
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.3905, 0.2998, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 92.3905, 0.2998, 0.3433.

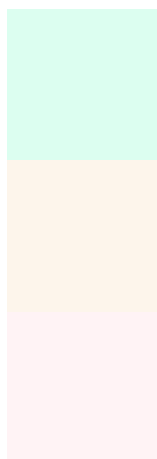


This preview shows how white text looks on a background with the Yxy color 92.3905, 0.2998, 0.3433.

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

92.3905, 0.2998, 0.3433

Protanopia

92.1856, 0.3240, 0.3388

Deuteranopia

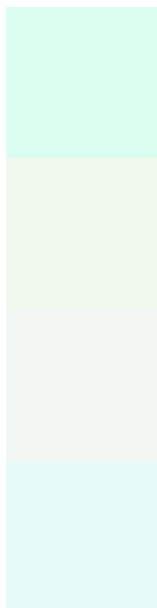
91.9538, 0.3193, 0.3271



Tritanopia

91.9187, 0.3024, 0.3211

Trichromacy



Original Color

92.3905, 0.2998, 0.3433

Protanomaly

91.9500, 0.3148, 0.3400

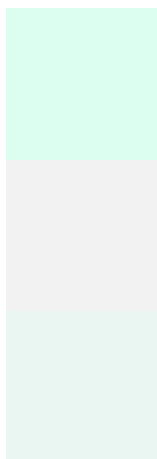
Deuteranomaly

91.8698, 0.3119, 0.3330

Tritanomaly

92.2623, 0.3009, 0.3290

Monochromacy



Original Color

92.3905, 0.2998, 0.3433

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.7548, 0.3080, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3905, 0.2998, 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(220, 254, 240)` looks like.

```
.text, #text, p{  
    color:rgb(220, 254, 240)  
}
```

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(220, 254, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 254, 240) }
```

Border

The CSS property to change the border of an element to Yxy 92.3905, 0.2998, 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(220, 254, 240) }
```

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

```
.border{ border-color:rgb(220, 254, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 254, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 254, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 254, 240);  
box-shadow:4px 4px 4px 4px rgb(220, 254,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3905, 0.2998, 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(220, 254, 240) }
```

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

```
.background{ background-color: rgb(220,  
254, 240) }
```

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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