

Converting Colors

$Yxy(92.1393, 0.2806, 0.3059)$

Have a look what the booklet for
Yxy(92.1393, 0.2806, 0.3059)
contains.

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Color

Yxy(91.1198, 0.2904, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	DAFBFF
RGB	218, 251, 255
RGB Percent	85%, 98%, 100%
CMY	0.1453, 0.0156, 0.0000
CMYK	0.15, 0.02, 0.00, 0.00
HSL	186°, 100%, 93%
HSV	186°, 15%, 100%
XYZ	81.4441, 91.1198, 107.8910
YIQ	241.5890, -20.9520, -5.7520

Conversions

Conversions Part 2

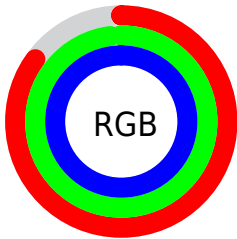
Format	Color
R _Y B	218, 235, 255
Decimal	14351359
CIE Lab	96.46, -9.83, -5.50
CIE LCh	96, 11.261, 209.208
Yxy	91.1198, 0.2904, 0.3249
Android (android.graphics.Color)	4292541439 (0xFFDAFBFF)
YUV	241.5890, 6.6116, -20.6876
Hunter-Lab	95.4567, -14.7522, -0.1935

Details

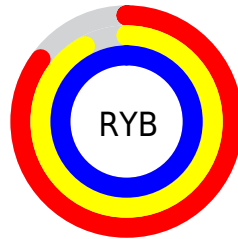
The Yxy color **91.1198, 0.2904, 0.3249** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.5060, 0.3393, 0.3331**, and the grayscale version is **88.4042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.4473, 0.2861, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **85.7991, 0.2759, 0.3218**, and if you desaturate by 10%, it is **97.0773, 0.3057, 0.3278**.

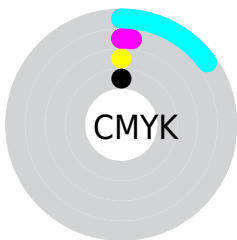
Distribution



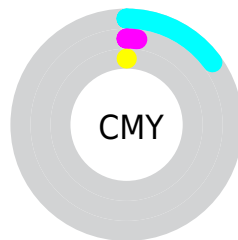
- Red (85%)
- Green (98%)
- Blue (100%)



- Red (85%)
- Yellow (92%)
- Blue (100%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.1198, 0.2904, 0.3249 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 91.1198, 0.2904, 0.3249 by changing the saturation by 10% instead.


 91.1198, 0.2904,
0.3249

 91.1198, 0.2904,
0.3249


531.6668, 0.3003,
0.3268

 68.9098, 0.2883,
0.3245

148.8929, 0.2937,
0.3256

 50.6382, 0.2856,
0.3239


185.2247, 0.2951,
0.3258

 35.9208, 0.2824,
0.3232


227.0326, 0.2962,
0.3261

 24.3730, 0.2783,
0.3223

274.7010, 0.2972,
0.3262

 15.6106, 0.2730,
0.3211

328.6142, 0.2981,
0.3264

 9.2490, 0.2656,
0.3193

389.1566, 0.2989,

 4.9040, 0.2550,

0.3266

0.3166

456.7127, 0.2996,
0.3267

■ 2.1910, 0.2383,
0.3119

■ 0.7151, 0.1886,
0.3067

■ 91.1198, 0.2904,
0.3249

■ 91.1198, 0.2904,
0.3249

■ 85.7991, 0.2759,
0.3218

■ 97.0773, 0.3057,
0.3278

■ 81.0762, 0.2624,
0.3184

99.9992, 0.3127,
0.3290

■ 76.9250, 0.2502,
0.3149

■ 73.3132, 0.2396,
0.3113

■ 70.2048, 0.2309,
0.3075

■ 67.5595, 0.2241,
0.3038

■ 65.3304, 0.2192,
0.3000

■ 63.4598, 0.2162,
0.2963

■ 62.5437, 0.2151,
0.2943

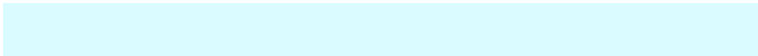
Harmonies

Analogous

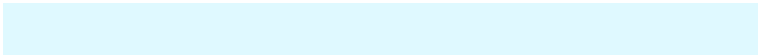
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1198, 0.2980, 0.3365



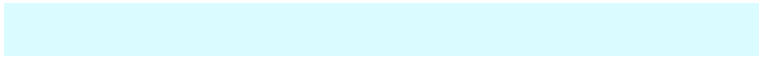
91.1198, 0.2904, 0.3249



91.1198, 0.2886, 0.3148

Triad

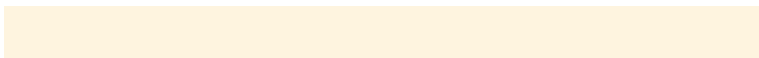
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.1198, 0.2904, 0.3249



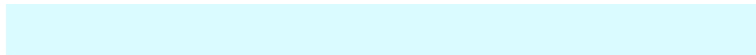
91.1198, 0.3154, 0.3128



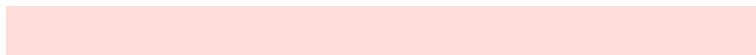
91.1198, 0.3325, 0.3495

Complementary

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



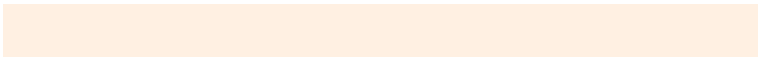
91.1198, 0.2904, 0.3249



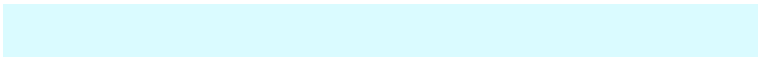
78.5060, 0.3393, 0.3331

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.



91.1198, 0.3374, 0.3426



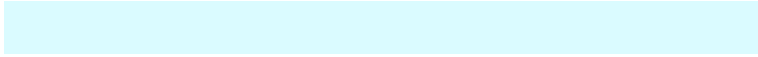
91.1198, 0.2904, 0.3249



91.1198, 0.3274, 0.3216

Square

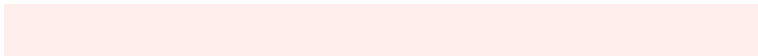
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.1198, 0.2904, 0.3249



91.1198, 0.3029, 0.3081



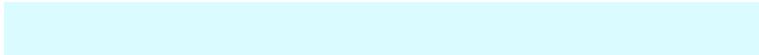
91.1198, 0.3356, 0.3324



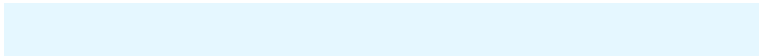
91.1198, 0.3223, 0.3509

Rectangle

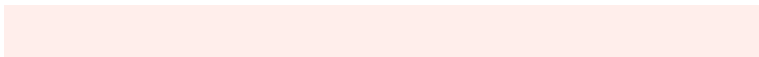
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.1198, 0.2904, 0.3249



91.1198, 0.2910, 0.3102



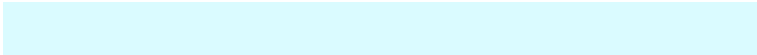
91.1198, 0.3356, 0.3324



91.1198, 0.3348, 0.3477

Sweetspot

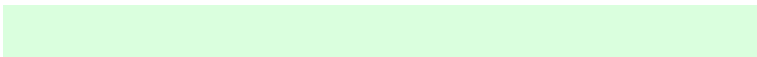
The Sweet Spot groups the original color and five complimentary colors.



91.1236, 0.2904, 0.3249



97.4222, 0.3065, 0.3279



91.6623, 0.3088, 0.3639



20.7511, 0.3053, 0.3277



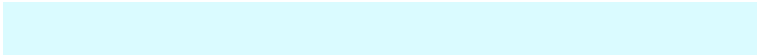
0.0000, 0.0000, 0.0000



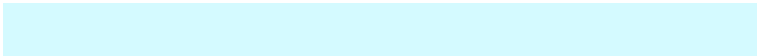
21.4041, 0.3127, 0.3290

Same Dimension

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



91.1236, 0.2904, 0.3249



89.7613, 0.2867, 0.3242



80.2550, 0.2897, 0.3059



20.1298, 0.2980, 0.3264



32.8180, 0.2153, 0.2949



3.2866, 0.2164, 0.2991

Inverse Universe

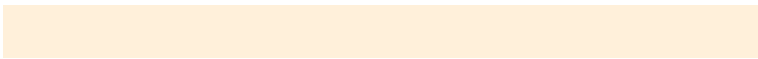
The Inverse Universe completely reimagines the original color for something new.



78.3339, 0.3170, 0.2967



75.0970, 0.3178, 0.2911



88.7348, 0.3367, 0.3511



18.2649, 0.3154, 0.3080



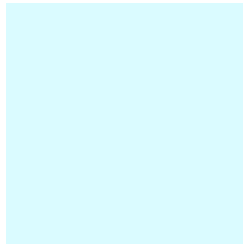
14.0410, 0.3499, 0.1701



1.3763, 0.3462, 0.1681

Previews

White Background



This preview shows how the Yxy color 91.1198, 0.2904, 0.3249 looks on a white background.

Color Contrast Check

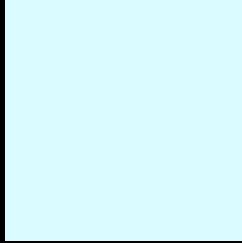
Large Text (above 18pt) WCAG AA × Fail

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 91.1198, 0.2904, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

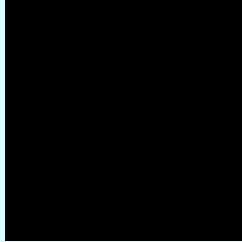
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

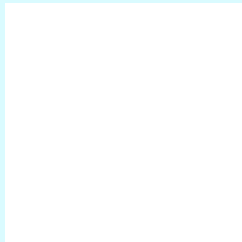
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.1198, 0.2904, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 91.1198, 0.2904, 0.3249.

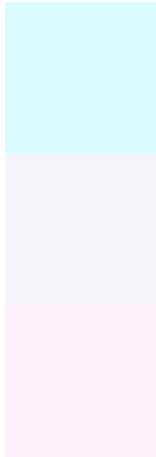


This preview shows how white text looks on a background with the Yxy color 91.1198, 0.2904, 0.3249.

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

91.1198, 0.2904, 0.3249

Protanopia

90.7775, 0.3111, 0.3222

Deuteranopia

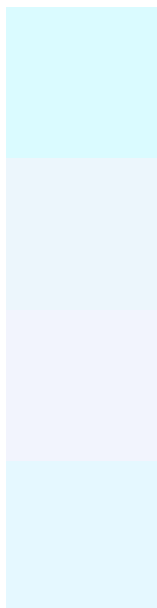
90.6085, 0.3152, 0.3175



Tritanopia

90.7937, 0.3006, 0.3200

Trichromacy



Original Color

91.1198, 0.2904, 0.3249

Protanomaly

90.7727, 0.3029, 0.3230

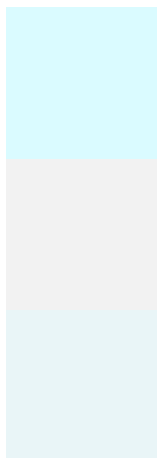
Deuteranomaly

90.6705, 0.3061, 0.3201

Tritanomaly

91.0128, 0.2969, 0.3219

Monochromacy



Original Color

91.1198, 0.2904, 0.3249

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.3439, 0.3039, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1198, 0.2904, 0.3249 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(218, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 251, 255)  
}
```

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(218, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 251, 255) }
```

Border

The CSS property to change the border of an element to Yxy 91.1198, 0.2904, 0.3249 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(218, 251, 255) }
```

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

```
.border{ border-color:rgb(218, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 251,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1198, 0.2904, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 251, 255) }
```

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

```
.background{ background-color: rgb(218,  
251, 255) }
```

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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