

Converting Colors

$Y_{xy}(91.7279, 0.2944, 0.3439)$

Have a look what the booklet for
Yxy(91.7279, 0.2944, 0.3439)
contains.

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Color

Yxy(91.7198, 0.2940, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	D3FFF1
RGB	211, 255, 241
RGB Percent	83%, 100%, 95%
CMY	0.1725, 0.0000, 0.0549
CMYK	0.17, 0.00, 0.05, 0.00
HSL	161°, 100%, 91%
HSV	161°, 17%, 100%
XYZ	78.5025, 91.7198, 96.7931
YIQ	240.2480, -21.7300, -13.6820

Conversions

Conversions Part 2

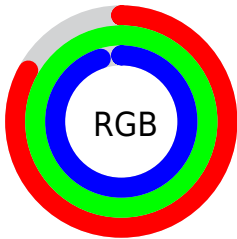
Format	Color
R_{YB}	211, 237, 255
Decimal	13893617
CIE _{Lab}	96.71, -16.68, 2.01
CIE _{LCh}	97, 16.800, 173.112
Yxy	91.7198, 0.2940, 0.3435
Android (android.graphics.Color)	4292083697 (0xFFD3FFF1)
YUV	240.2480, 0.3707, -25.6505
Hunter-Lab	95.7705, -21.2828, 7.1162

Details

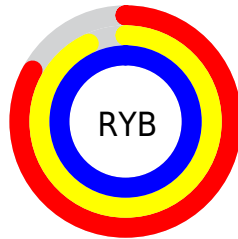
The Yxy color **91.7198, 0.2940, 0.3435** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.2857, 0.3358, 0.3150**, and the grayscale version is **87.3527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9589, 0.2900, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **87.7747, 0.2839, 0.3531**, and if you desaturate by 10%, it is **96.2861, 0.3047, 0.3348**.

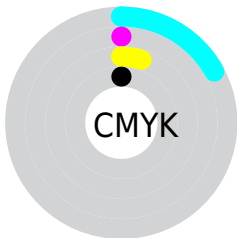
Distribution



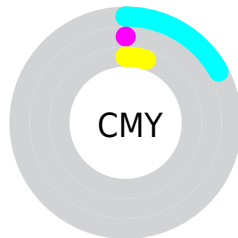
- Red (83%)
- Green (100%)
- Blue (95%)



- Red (83%)
- Yellow (93%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.7198, 0.2940, 0.3435 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 91.7198, 0.2940, 0.3435 by changing the saturation by 10% instead.

 91.7198, 0.2940,
0.3435

 91.7198, 0.2940,
0.3435


533.6096, 0.3023,
0.3370

 69.4079, 0.2922,
0.3449


149.7250, 0.2968,
0.3413

 51.0440, 0.2899,
0.3467

186.1871, 0.2979,
0.3404

 36.2436, 0.2872,
0.3489


228.1347, 0.2989,
0.3397

 24.6224, 0.2836,
0.3516

275.9522, 0.2998,
0.3390

 15.7960, 0.2790,
0.3553

330.0241, 0.3005,
0.3384

 9.3799, 0.2726,
0.3605

390.7347, 0.3012,

 4.9898, 0.2631,

0.3379

0.3681

458.4684, 0.3018,
0.3374

■ 2.2413, 0.2479,
0.3806

■ 0.7424, 0.1747,
0.4346

■ 91.7198, 0.2940,
0.3435

■ 91.7198, 0.2940,
0.3435

■ 87.7747, 0.2839,
0.3531

■ 96.2861, 0.3047,
0.3348

■ 84.4191, 0.2748,
0.3635

100.0000, 0.3127,
0.3290

■ 81.6234, 0.2669,
0.3746

■ 79.3542, 0.2606,
0.3863

■ 77.5744, 0.2560,
0.3984

■ 76.2417, 0.2535,
0.4107

■ 75.3068, 0.2531,
0.4230

■ 74.7059, 0.2545,
0.4352

■ 74.5731, 0.2551,
0.4385

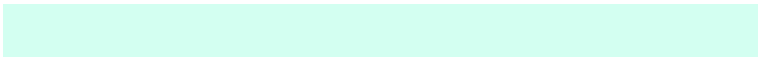
Harmonies

Analogous

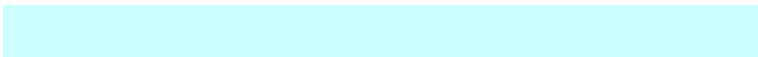
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.7198, 0.3119, 0.3569



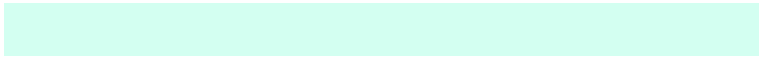
91.7198, 0.2940, 0.3435



91.7198, 0.2813, 0.3261

Triad

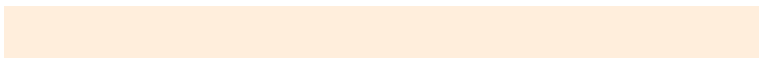
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.7198, 0.2940, 0.3435



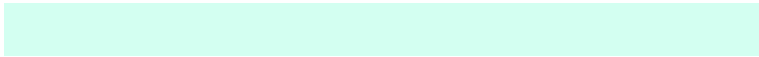
91.7198, 0.2946, 0.2977



91.7198, 0.3499, 0.3461

Complementary

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



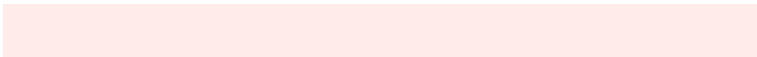
91.7198, 0.2940, 0.3435



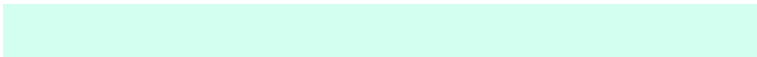
73.2857, 0.3358, 0.3150

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.



91.7198, 0.3451, 0.3305



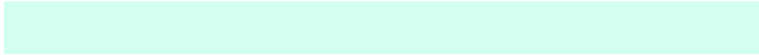
91.7198, 0.2940, 0.3435



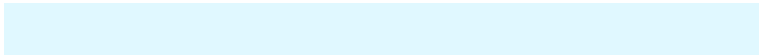
91.7198, 0.3127, 0.3031

Square

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



91.7198, 0.2940, 0.3435



91.7198, 0.2817, 0.3001



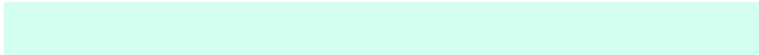
91.7198, 0.3313, 0.3150



91.7198, 0.3444, 0.3579

Rectangle

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



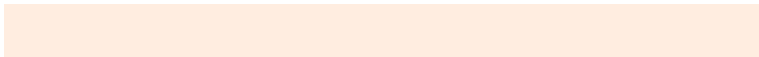
91.7198, 0.2940, 0.3435



91.7198, 0.2774, 0.3151



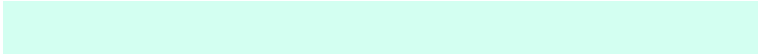
91.7198, 0.3313, 0.3150



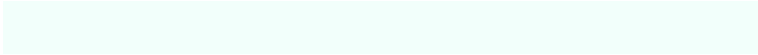
91.7198, 0.3494, 0.3411

Sweetspot

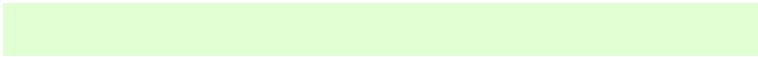
The Sweet Spot groups the original color and five complimentary colors.



91.7209, 0.2940, 0.3435



97.4032, 0.3072, 0.3329



92.3385, 0.3197, 0.3747



20.7730, 0.3064, 0.3335



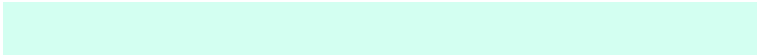
0.0000, 0.0000, 0.0000



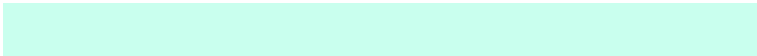
21.4041, 0.3127, 0.3290

Same Dimension

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



91.7209, 0.2940, 0.3435



90.1715, 0.2901, 0.3470



87.9996, 0.2862, 0.3214



20.3774, 0.3023, 0.3367



38.9944, 0.2546, 0.4365



3.8166, 0.2507, 0.4226

Inverse Universe

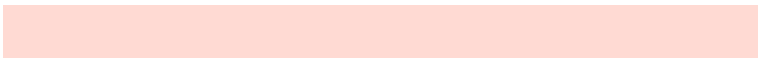
The Inverse Universe completely reimagines the original color for something new.



73.2857, 0.3358, 0.3150



68.3303, 0.3420, 0.3118



76.2804, 0.3448, 0.3365



18.0822, 0.3244, 0.3215



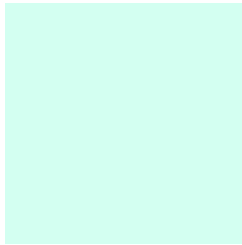
11.4436, 0.5704, 0.2916



1.1331, 0.5384, 0.2740

Previews

White Background



This preview shows how the Yxy color 91.7198, 0.2940, 0.3435 looks on a white background.

Color Contrast Check

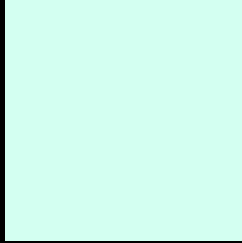
Large Text (above 18pt) WCAG AA × Fail

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 91.7198, 0.2940, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

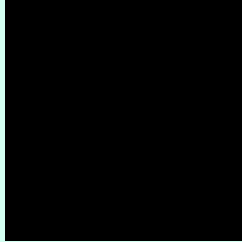
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

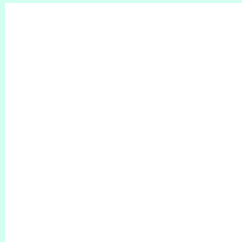
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.7198, 0.2940, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 91.7198, 0.2940, 0.3435.

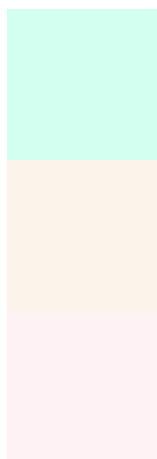


This preview shows how white text looks on a background with the Yxy color 91.7198, 0.2940, 0.3435.

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

91.7198, 0.2940, 0.3435

Protanopia

91.3950, 0.3234, 0.3379

Deuteranopia

91.3568, 0.3194, 0.3261



Tritanopia

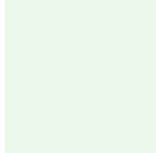
91.4037, 0.3006, 0.3210

Trichromacy



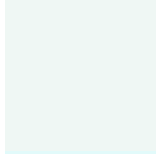
Original Color

91.7198, 0.2940, 0.3435



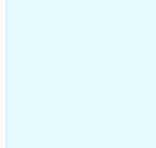
Protanomaly

91.2538, 0.3122, 0.3401



Deuteranomaly

91.4039, 0.3094, 0.3320



Tritanomaly

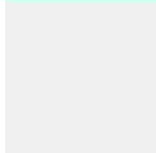
91.4421, 0.2979, 0.3290

Monochromacy



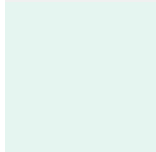
Original Color

91.7198, 0.2940, 0.3435



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.2541, 0.3055, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.7198, 0.2940, 0.3435 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(211, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(211, 255, 241)  
}
```

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(211, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 241) }
```

Border

The CSS property to change the border of an element to Yxy 91.7198, 0.2940, 0.3435 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(211, 255, 241) }
```

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

```
.border{ border-color:rgb(211, 255, 241) }
```

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

Here you see how a box with a 4 pixel rgb(211, 255, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 91.7198, 0.2940, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 241) }
```

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

```
.background{ background-color: rgb(211,  
255, 241) }
```

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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