

Converting Colors

$Yxy(91.1208, 0.2941, 0.3407)$

Have a look what the booklet for
Yxy(91.1208, 0.2941, 0.3407)
contains.

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Color

Yxy(91.2915, 0.2940, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	D4FEF2
RGB	212, 254, 242
RGB Percent	83%, 100%, 95%
CMY	0.1687, 0.0039, 0.0509
CMYK	0.17, 0.00, 0.05, 0.00
HSL	163°, 96%, 91%
HSV	163°, 17%, 100%
XYZ	78.6166, 91.2915, 97.4953
YIQ	240.0740, -21.1800, -12.6360

Conversions

Conversions Part 2

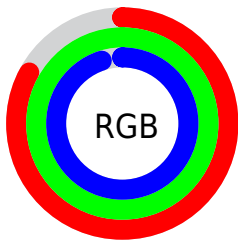
Format	Color
R _Y B	212, 237, 254
Decimal	13958898
CIE Lab	96.53, -15.69, 1.25
CIE LCh	97, 15.744, 175.454
Yxy	91.2915, 0.2940, 0.3414
Android (android.graphics.Color)	4292148978 (0xFFD4FEF2)
YUV	240.0740, 0.9495, -24.6209
Hunter-Lab	95.5466, -20.3351, 6.3834

Details

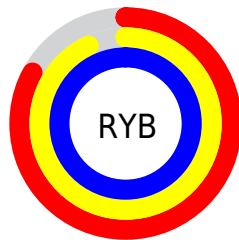
The Yxy color **91.2915, 0.2940, 0.3414** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.5275, 0.3357, 0.3170**, and the grayscale version is **87.2031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6458, 0.2900, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **87.3862, 0.2835, 0.3499**, and if you desaturate by 10%, it is **95.8155, 0.3052, 0.3337**.

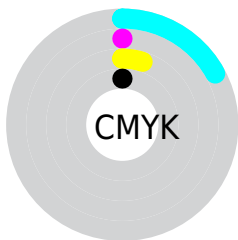
Distribution



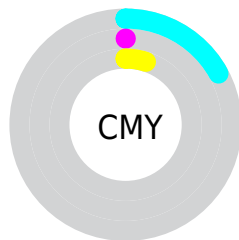
- Red (83%)
- Green (100%)
- Blue (95%)



- 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 91.2915, 0.2940, 0.3414 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 91.2915, 0.2940, 0.3414 by changing the saturation by 10% instead.

 91.2915, 0.2940,
0.3414

 91.2915, 0.2940,
0.3414


532.2232, 0.3023,
0.3359

 69.0523, 0.2922,
0.3426


149.1311, 0.2968,
0.3395

 50.7543, 0.2899,
0.3441


185.5002, 0.2979,
0.3388

 36.0131, 0.2872,
0.3460


227.3481, 0.2989,
0.3381

 24.4443, 0.2837,
0.3483

275.0592, 0.2998,
0.3376

 15.6635, 0.2790,
0.3514

329.0179, 0.3005,
0.3371

 9.2864, 0.2726,
0.3558

389.6085, 0.3012,

 4.9285, 0.2632,

0.3366

0.3622

457.2154, 0.3018,
0.3362

■ 2.2053, 0.2481,
0.3727

■ 0.7229, 0.1760,
0.4187

■ 91.2915, 0.2940,
0.3414

■ 91.2915, 0.2940,
0.3414

■ 87.3862, 0.2835,
0.3499

■ 95.8155, 0.3052,
0.3337

■ 84.0602, 0.2739,
0.3591

99.3699, 0.3128,
0.3281

■ 81.2873, 0.2656,
0.3690

■ 79.0347, 0.2589,
0.3793

■ 77.2658, 0.2539,
0.3901

■ 75.9395, 0.2510,
0.4010

■ 75.0075, 0.2501,
0.4119

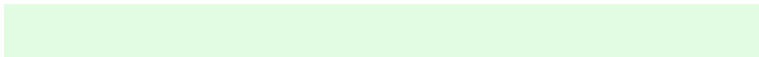
■ 74.4093, 0.2512,
0.4227

■ 74.2487, 0.2518,
0.4264

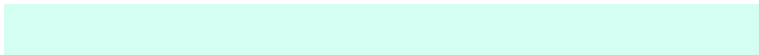
Harmonies

Analogous

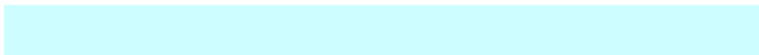
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2915, 0.3106, 0.3544



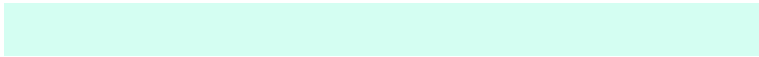
91.2915, 0.2940, 0.3414



91.2915, 0.2826, 0.3251

Triad

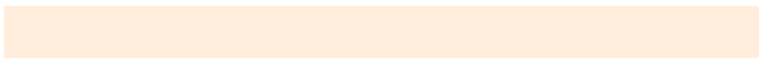
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.2915, 0.2940, 0.3414



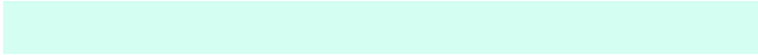
91.2915, 0.2969, 0.2997



91.2915, 0.3475, 0.3462

Complementary

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



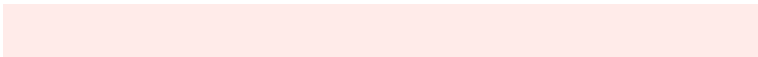
91.2915, 0.2940, 0.3414



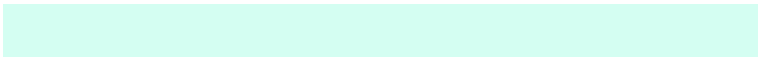
73.5275, 0.3357, 0.3170

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.



91.2915, 0.3437, 0.3316



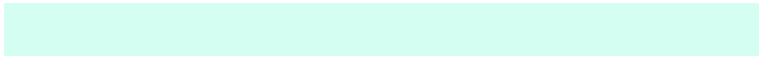
91.2915, 0.2940, 0.3414



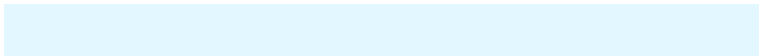
91.2915, 0.3141, 0.3054

Square

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



91.2915, 0.2940, 0.3414



91.2915, 0.2842, 0.3014



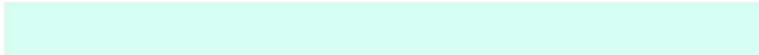
91.2915, 0.3314, 0.3169



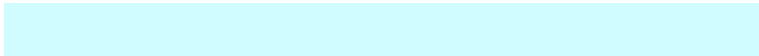
91.2915, 0.3417, 0.3567

Rectangle

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



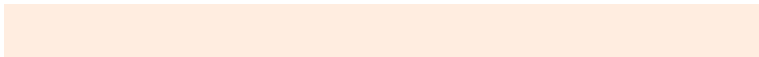
91.2915, 0.2940, 0.3414



91.2915, 0.2793, 0.3149



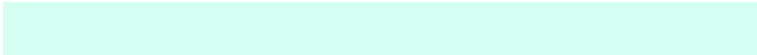
91.2915, 0.3314, 0.3169



91.2915, 0.3474, 0.3416

Sweetspot

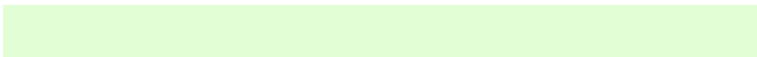
The Sweet Spot groups the original color and five complimentary colors.



91.2953, 0.2940, 0.3414



97.4295, 0.3069, 0.3325



91.5833, 0.3185, 0.3728



20.7794, 0.3061, 0.3330



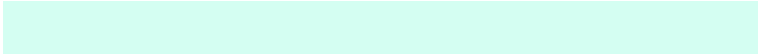
0.0000, 0.0000, 0.0000



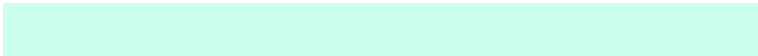
21.4041, 0.3127, 0.3290

Same Dimension

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



91.2953, 0.2940, 0.3414



90.6755, 0.2903, 0.3443



86.8202, 0.2872, 0.3202



20.3879, 0.3018, 0.3359



39.1681, 0.2513, 0.4246



3.8325, 0.2479, 0.4123

Inverse Universe

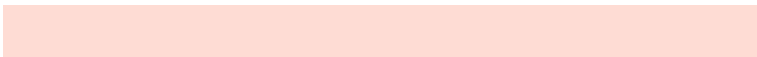
The Inverse Universe completely reimagines the original color for something new.



73.5275, 0.3357, 0.3170



69.5365, 0.3415, 0.3143



77.2124, 0.3430, 0.3376



18.0723, 0.3249, 0.3222



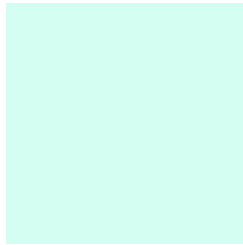
11.3804, 0.5820, 0.2980



1.1259, 0.5500, 0.2804

Previews

White Background



This preview shows how the Yxy color 91.2915, 0.2940, 0.3414 looks on a white background.

Color Contrast Check

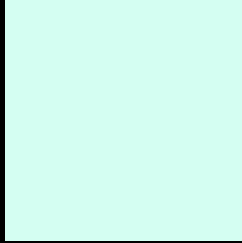
Large Text (above 18pt) WCAG AA × Fail

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 91.2915, 0.2940, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

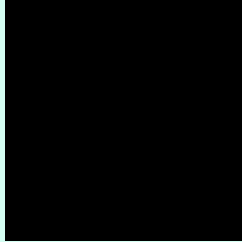
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

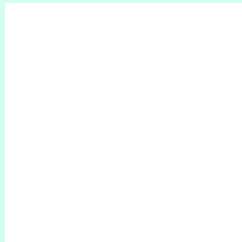
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.2915, 0.2940, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 91.2915, 0.2940, 0.3414.

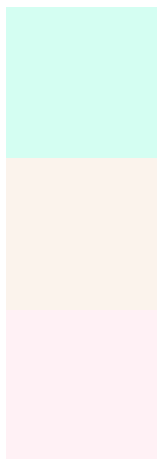


This preview shows how white text looks on a background with the Yxy color 91.2915, 0.2940, 0.3414.

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

91.2915, 0.2940, 0.3414

Protanopia

90.6665, 0.3222, 0.3359

Deuteranopia

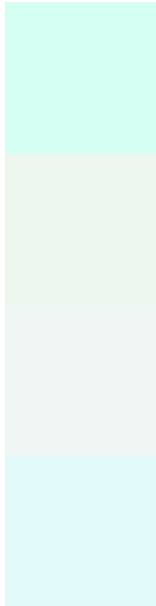
90.7632, 0.3195, 0.3251



Tritanopia

91.2340, 0.2999, 0.3210

Trichromacy



Original Color

91.2915, 0.2940, 0.3414

Protanomaly

90.6991, 0.3117, 0.3380

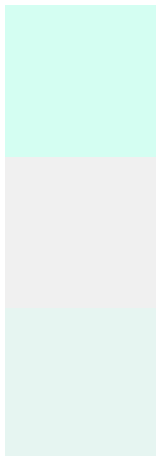
Deuteranomaly

90.7939, 0.3094, 0.3310

Tritanomaly

91.4421, 0.2979, 0.3290

Monochromacy



Original Color

91.2915, 0.2940, 0.3414

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

88.4787, 0.3055, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2915, 0.2940, 0.3414 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(212, 254, 242)` looks like.

```
.text, #text, p{  
    color:rgb(212, 254, 242)  
}
```

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(212, 254, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 254, 242) }
```

Border

The CSS property to change the border of an element to Yxy 91.2915, 0.2940, 0.3414 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(212, 254, 242) }
```

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

```
.border{ border-color:rgb(212, 254, 242) }
```

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

Here you see how a box with a 4 pixel rgb(212, 254, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 254, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 254, 242);  
box-shadow:4px 4px 4px 4px rgb(212, 254,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2915, 0.2940, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 254, 242) }
```

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

```
.background{ background-color: rgb(212,  
254, 242) }
```

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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