

Converting Colors

$Yxy(91.8145, 0.2915, 0.3310)$

Have a look what the booklet for
Yxy(91.8145, 0.2915, 0.3310)
contains.

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Color

Yxy(91.8145, 0.2915, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	D8FDFB
RGB	216, 253, 251
RGB Percent	85%, 99%, 98%
CMY	0.1529, 0.0078, 0.0157
CMYK	0.15, 0.00, 0.01, 0.01
HSL	177°, 90%, 92%
HSV	177°, 15%, 99%
XYZ	80.8578, 91.8145, 104.7129
YIQ	241.7090, -21.4100, -8.4660

Conversions

Conversions Part 2

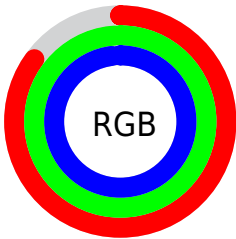
Format	Color
R _Y B	216, 235, 253
Decimal	14220795
CIE Lab	96.74, -12.20, -3.03
CIE LCh	97, 12.570, 193.932
Yxy	91.8145, 0.2915, 0.3310
Android (android.graphics.Color)	4292410875 (0xFFD8FDFB)
YUV	241.7090, 4.5805, -22.5468
Hunter-Lab	95.8199, -17.0572, 2.2812

Details

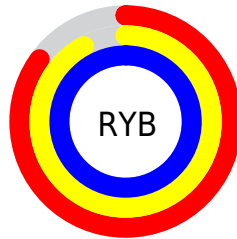
The Yxy color **91.8145, 0.2915, 0.3310** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.0675, 0.3386, 0.3270**, and the grayscale version is **88.5307, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9971, 0.2868, 0.3302** is the 20% darker color. If you saturate the color by 10%, you get **88.1697, 0.2781, 0.3325**, and if you desaturate by 10%, it is **96.0609, 0.3059, 0.3296**.

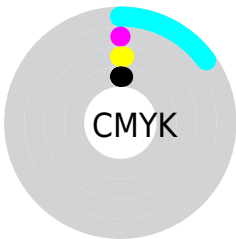
Distribution



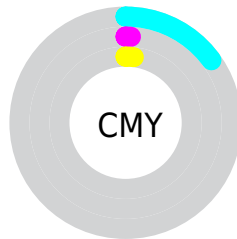
- Red (85%)
- Green (99%)
- Blue (98%)



- Red (85%)
- Yellow (92%)
- Blue (99%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)





- Cyan (15%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.8145, 0.2915, 0.3310 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 91.8145, 0.2915, 0.3310 by changing the saturation by 10% instead.


 91.8145, 0.2915,
0.3310

 91.8145, 0.2915,
0.3310


533.9158, 0.3009,
0.3302

 69.4866, 0.2895,
0.3312

149.8563, 0.2947,
0.3307

 51.1081, 0.2870,
0.3314


186.3389, 0.2959,
0.3306

 36.2946, 0.2839,
0.3316

228.3085, 0.2970,
0.3305

 24.6618, 0.2800,
0.3319

276.1496, 0.2980,
0.3304

 15.8253, 0.2749,
0.3322

330.2465, 0.2988,
0.3304

 9.4006, 0.2679,
0.3326

390.9835, 0.2996,

 5.0034, 0.2577,

0.3303

458.7452, 0.3003,
0.3302

0.3331

2.2493, 0.2417,
0.3335

0.7466, 0.1885,
0.3418

91.8145, 0.2915,
0.3310

91.8145, 0.2915,
0.3310

88.1697, 0.2781,
0.3325

96.0609, 0.3059,
0.3296

85.0879, 0.2659,
0.3342

98.6523, 0.3135,
0.3283

82.5439, 0.2552,
0.3359

98.7327, 0.3128,
0.3271

80.5058, 0.2463,
0.3377

■ 78.9387, 0.2393,
0.3395

■ 77.8028, 0.2342,
0.3413

■ 77.0523, 0.2311,
0.3432

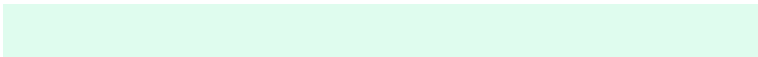
■ 76.6306, 0.2297,
0.3450

■ 76.4962, 0.2294,
0.3459

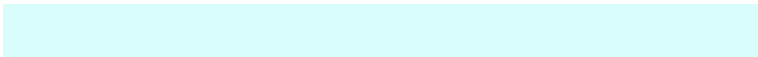
Harmonies

Analogous

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



91.8145, 0.3026, 0.3433



91.8145, 0.2915, 0.3310



91.8145, 0.2861, 0.3184

Triad

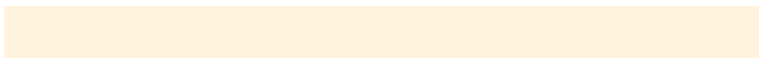
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.8145, 0.2915, 0.3310



91.8145, 0.3084, 0.3076



91.8145, 0.3384, 0.3485

Complementary

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



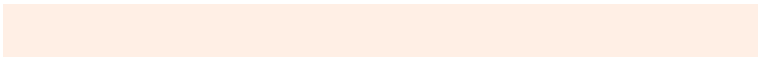
91.8145, 0.2915, 0.3310



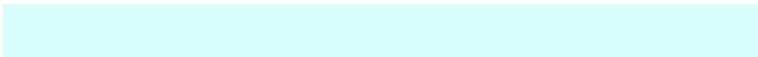
75.0675, 0.3386, 0.3270

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.



91.8145, 0.3402, 0.3386



91.8145, 0.2915, 0.3310



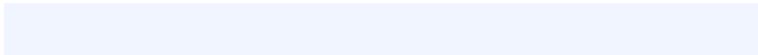
91.8145, 0.3226, 0.3153

Square

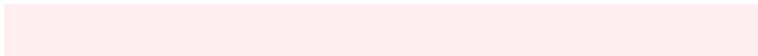
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



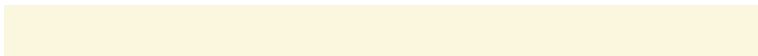
91.8145, 0.2915, 0.3310



91.8145, 0.2956, 0.3053



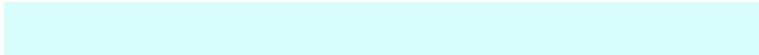
91.8145, 0.3343, 0.3265



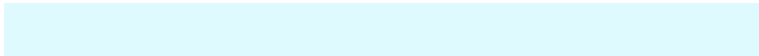
91.8145, 0.3297, 0.3535

Rectangle

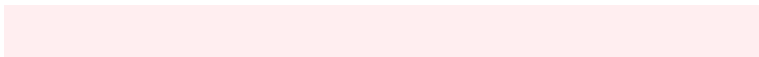
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



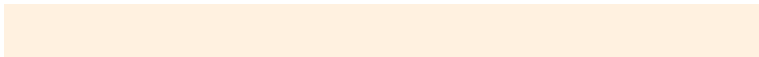
91.8145, 0.2915, 0.3310



91.8145, 0.2863, 0.3117



91.8145, 0.3343, 0.3265



91.8145, 0.3399, 0.3456

Sweetspot

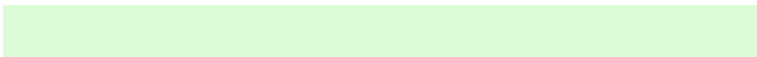
The Sweet Spot groups the original color and five complimentary colors.



91.8183, 0.2915, 0.3310



98.0807, 0.3068, 0.3295



90.1914, 0.3124, 0.3679



20.9185, 0.3057, 0.3296



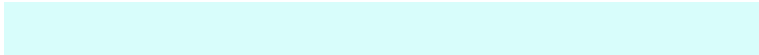
0.0000, 0.0000, 0.0000



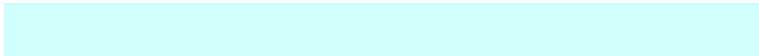
21.4041, 0.3127, 0.3290

Same Dimension

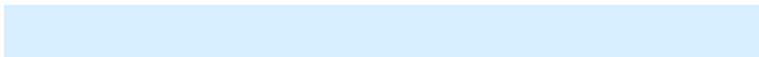
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.8183, 0.2915, 0.3310



92.1496, 0.2868, 0.3315



82.2480, 0.2898, 0.3123



20.4633, 0.2987, 0.3303



40.6992, 0.2293, 0.3456



3.9678, 0.2288, 0.3436

Inverse Universe

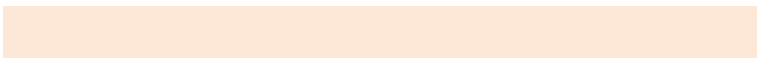
The Inverse Universe completely reimagines the original color for something new.



75.0675, 0.3386, 0.3270



71.6436, 0.3459, 0.3265



83.5803, 0.3377, 0.3452



18.0031, 0.3286, 0.3277



11.1317, 0.6346, 0.3269



1.0893, 0.6218, 0.3199

Previews

White Background



This preview shows how the Yxy color 91.8145, 0.2915, 0.3310 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 91.8145, 0.2915, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

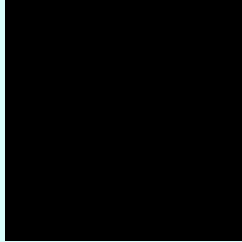
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

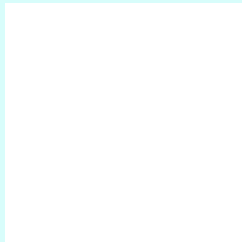
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.8145, 0.2915, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 91.8145, 0.2915, 0.3310.

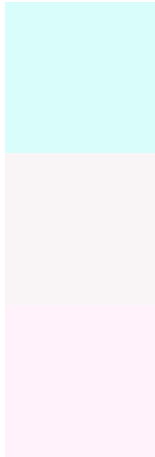


This preview shows how white text looks on a background with the Yxy color 91.8145, 0.2915, 0.3310.

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

91.8145, 0.2915, 0.3310

Protanopia

91.4949, 0.3147, 0.3271

Deuteranopia

91.6664, 0.3163, 0.3213



Tritanopia

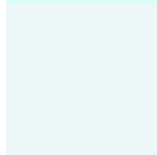
91.5744, 0.3012, 0.3211

Trichromacy



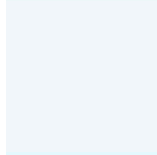
Original Color

91.8145, 0.2915, 0.3310



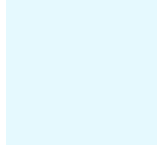
Protanomaly

91.3034, 0.3058, 0.3280



Deuteranomaly

91.5144, 0.3072, 0.3250



Tritanomaly

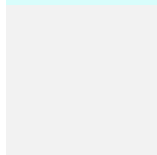
91.5651, 0.2975, 0.3240

Monochromacy



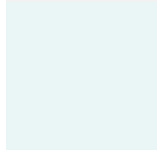
Original Color

91.8145, 0.2915, 0.3310



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

89.8277, 0.3051, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.8145, 0.2915, 0.3310 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(216, 253, 251)` looks like.

```
.text, #text, p{  
    color:rgb(216, 253, 251)  
}
```

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(216, 253, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 253, 251) }
```

Border

The CSS property to change the border of an element to Yxy 91.8145, 0.2915, 0.3310 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(216, 253, 251) }
```

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

```
.border{ border-color:rgb(216, 253, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 253, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 253, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 253, 251);  
box-shadow:4px 4px 4px 4px rgb(216, 253,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 91.8145, 0.2915, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 253, 251) }
```

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

```
.background{ background-color: rgb(216,  
253, 251) }
```

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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