

Converting Colors

Yxy(91.8145, 0.3026, 0.3433)

Have a look what the booklet for
Yxy(91.8145, 0.3026, 0.3433)
contains.

Yxy(91.4818, 0.3028, 0.3433)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(91.4818, 0.3028, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	DFFCEE
RGB	223, 252, 238
RGB Percent	87%, 99%, 93%
CMY	0.1253, 0.0118, 0.0666
CMYK	0.11, 0.00, 0.06, 0.01
HSL	151°, 83%, 93%
HSV	151°, 11%, 99%
XYZ	80.6895, 91.4818, 94.3065
YIQ	241.7330, -12.7900, -10.5020

Conversions

Conversions Part 2

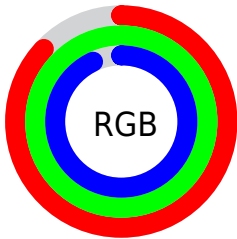
Format	Color
R _Y B	223, 242, 252
Decimal	14679278
CIE Lab	96.61, -11.94, 3.51
CIE LCh	97, 12.446, 163.632
Yxy	91.4818, 0.3028, 0.3433
Android (android.graphics.Color)	4292869358 (0xFFDFFCEE)
YUV	241.7330, -1.8404, -16.4288
Hunter-Lab	95.6461, -16.7937, 8.4927

Details

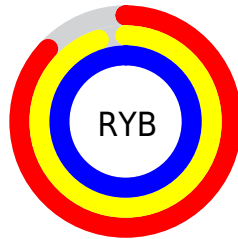
The Yxy color **91.4818, 0.3028, 0.3433** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.6166, 0.3239, 0.3151**, and the grayscale version is **88.6039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.7324, 0.3009, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **87.0836, 0.2945, 0.3573**, and if you desaturate by 10%, it is **96.5317, 0.3114, 0.3307**.

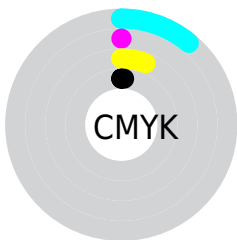
Distribution



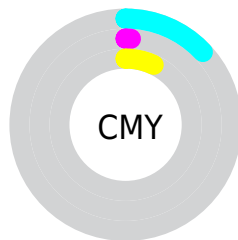
- Red (87%)
- Green (99%)
- Blue (93%)



- Red (87%)
- Yellow (95%)
- Blue (99%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)




- Cyan (13%)
- Magenta (1%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4818, 0.3028, 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 91.4818, 0.3028, 0.3433 by changing the saturation by 10% instead.


 91.4818, 0.3028,
0.3433

 91.4818, 0.3028,
0.3433


532.8394, 0.3072,
0.3369

 69.2103, 0.3018,
0.3447


149.3950, 0.3043,
0.3411

 50.8830, 0.3006,
0.3465

185.8054, 0.3049,
0.3402

 36.1155, 0.2991,
0.3486


227.6977, 0.3054,
0.3395

 24.5234, 0.2972,
0.3514

275.4561, 0.3059,
0.3388

 15.7223, 0.2947,
0.3551

329.4651, 0.3063,
0.3383

 9.3279, 0.2912,
0.3603

390.1090, 0.3066,

 4.9557, 0.2859,

0.3378

0.3680

457.7723, 0.3070,
0.3373

■ 2.2213, 0.2773,
0.3809

■ 0.7316, 0.2394,
0.4337

■ 91.4818, 0.3028,
0.3433

■ 91.4818, 0.3028,
0.3433

■ 87.0836, 0.2945,
0.3573

■ 96.5317, 0.3114,
0.3307

■ 83.2985, 0.2867,
0.3728

■ 98.0942, 0.3129,
0.3261

■ 80.1012, 0.2798,
0.3895

■ 77.4600, 0.2740,
0.4075

■ 75.3403, 0.2699,
0.4263

■ 73.7034, 0.2675,
0.4455

■ 72.5050, 0.2672,
0.4646

■ 71.6919, 0.2689,
0.4831

■ 71.2339, 0.2717,
0.4981

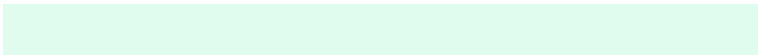
Harmonies

Analogous

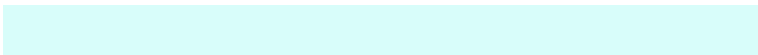
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4818, 0.3167, 0.3515



91.4818, 0.3028, 0.3433



91.4818, 0.2918, 0.3311

Triad

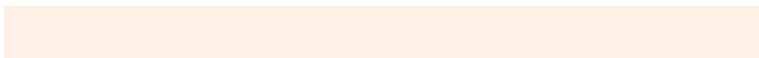
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.4818, 0.3028, 0.3433



91.4818, 0.2957, 0.3055



91.4818, 0.3399, 0.3384

Complementary

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



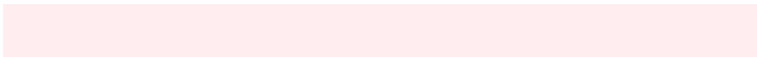
91.4818, 0.3028, 0.3433



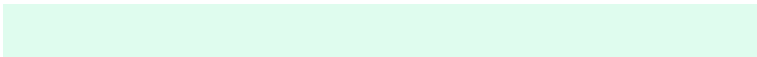
79.6166, 0.3239, 0.3151

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.



91.4818, 0.3340, 0.3264



91.4818, 0.3028, 0.3433



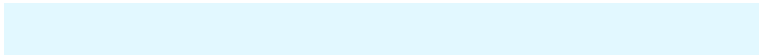
91.4818, 0.3083, 0.3078

Square

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



91.4818, 0.3028, 0.3433



91.4818, 0.2877, 0.3094



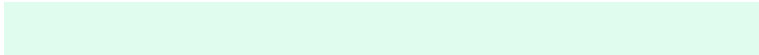
91.4818, 0.3224, 0.3153



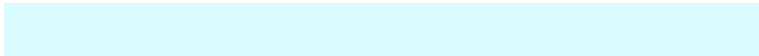
91.4818, 0.3383, 0.3483

Rectangle

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



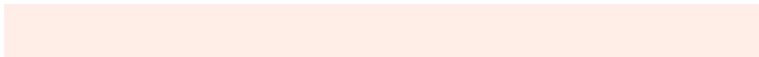
91.4818, 0.3028, 0.3433



91.4818, 0.2874, 0.3226



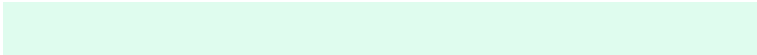
91.4818, 0.3224, 0.3153



91.4818, 0.3387, 0.3345

Sweetspot

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



91.4857, 0.3028, 0.3433



98.3422, 0.3101, 0.3326



92.9569, 0.3202, 0.3583



20.9567, 0.3094, 0.3335



0.0000, 0.0000, 0.0000



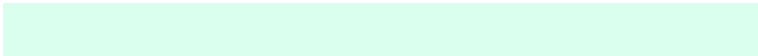
21.4041, 0.3127, 0.3290

Same Dimension

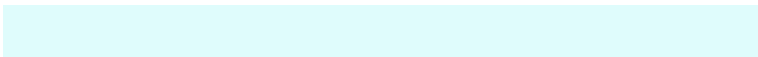
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.4857, 0.3028, 0.3433



92.7856, 0.3007, 0.3467



92.0367, 0.2950, 0.3285



19.4591, 0.3045, 0.3407



37.1400, 0.2709, 0.4952



3.4612, 0.2650, 0.4739

Inverse Universe

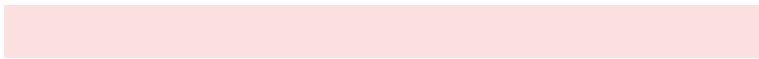
The Inverse Universe completely reimagines the original color for something new.



79.6166, 0.3239, 0.3151



78.1673, 0.3267, 0.3119



79.0894, 0.3333, 0.3295



17.3649, 0.3218, 0.3176



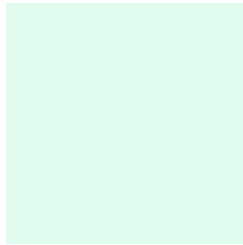
11.5380, 0.5035, 0.2547



1.0899, 0.4759, 0.2395

Previews

White Background



This preview shows how the Yxy color 91.4818, 0.3028, 0.3433 looks on a white background.

Color Contrast Check

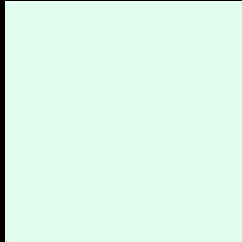
Large Text (above 18pt) WCAG AA × Fail

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 91.4818, 0.3028, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

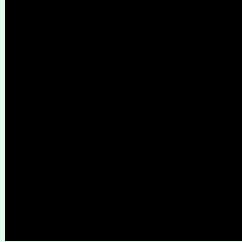
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

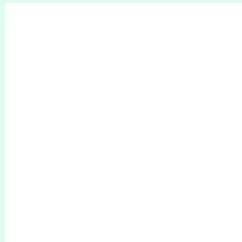
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.4818, 0.3028, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 91.4818, 0.3028, 0.3433.

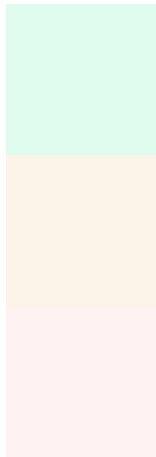


This preview shows how white text looks on a background with the Yxy color 91.4818, 0.3028, 0.3433.

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

91.4818, 0.3028, 0.3433

Protanopia

91.2800, 0.3247, 0.3398

Deuteranopia

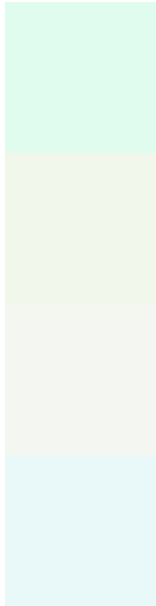
91.2353, 0.3206, 0.3281



Tritanopia

91.3087, 0.3024, 0.3201

Trichromacy



Original Color

91.4818, 0.3028, 0.3433

Protanomaly

91.2205, 0.3160, 0.3410

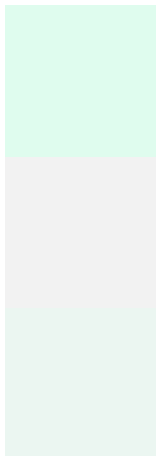
Deuteranomaly

91.3171, 0.3138, 0.3340

Tritanomaly

91.2980, 0.3027, 0.3280

Monochromacy



Original Color

91.4818, 0.3028, 0.3433

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.9246, 0.3087, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4818, 0.3028, 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(223, 252, 238)` looks like.

```
.text, #text, p{  
    color:rgb(223, 252, 238)  
}
```

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(223, 252, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 252, 238) }
```

Border

The CSS property to change the border of an element to Yxy 91.4818, 0.3028, 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(223, 252, 238) }
```

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

```
.border{ border-color:rgb(223, 252, 238) }
```

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

Here you see how a box with a 4 pixel rgb(223, 252, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 252, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 252, 238);  
box-shadow:4px 4px 4px 4px rgb(223, 252,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4818, 0.3028, 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(223, 252, 238) }
```

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

```
.background{ background-color: rgb(223,  
252, 238) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor