

Converting Colors

Yxy(89.3706, 0.3011, 0.3341)

Have a look what the booklet for
Yxy(89.3706, 0.3011, 0.3341)
contains.

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Color

Yxy(89.6134, 0.3012, 0.3341)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E1F8F3 |
| RGB | 225, 248, 243 |
| RGB Percent | 88%, 97%, 95% |
| CMY | 0.1177, 0.0274, 0.0471 |
| CMYK | 0.09, 0.00, 0.02, 0.03 |
| HSL | 167°, 62%, 93% |
| HSV | 167°, 9%, 97% |
| XYZ | 80.7889, 89.6134, 97.8210 |
| YIQ | 240.5530, -12.1030, -6.4310 |

Conversions

Conversions Part 2

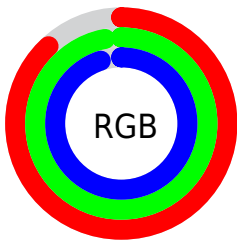
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 225, 238, 248 |
| Decimal | 14809331 |
| CIE Lab | 95.84, -8.42, -0.16 |
| CIE LCh | 96, 8.422, 181.107 |
| Yxy | 89.6134, 0.3012, 0.3341 |
| Android (android.graphics.Color) | 4292999411 (0xFFE1F8F3) |
| YUV | 240.5530, 1.2064, -13.6400 |
| Hunter-Lab | 94.6644, -13.3264, 4.9980 |

Details

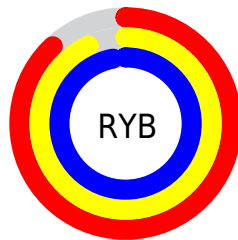
The Yxy color **89.6134, 0.3012, 0.3341** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.5105, 0.3256, 0.3240**, and the grayscale version is **87.5899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.8332, 0.2989, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **85.5947, 0.2893, 0.3401**, and if you desaturate by 10%, it is **94.2282, 0.3136, 0.3286**.

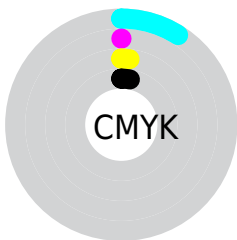
Distribution



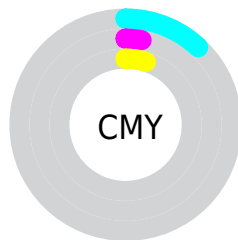
- Red (88%)
- Green (97%)
- Blue (95%)



- Red (88%)
- Yellow (93%)
- Blue (97%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)





- Cyan (12%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.6134, 0.3012, 0.3341 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 89.6134, 0.3012, 0.3341 by changing the saturation by 10% instead.

 89.6134, 0.3012,
0.3341

 89.6134, 0.3012,
0.3341


526.7725, 0.3063,
0.3318

 67.6600, 0.3001,
0.3346

146.8013, 0.3029,
0.3333

 49.6212, 0.2987,
0.3352


182.8046, 0.3036,
0.3330

 35.1125, 0.2970,
0.3360


224.2600, 0.3042,
0.3328

 23.7496, 0.2948,
0.3369

271.5519, 0.3048,
0.3325

 15.1480, 0.2919,
0.3382

325.0647, 0.3052,
0.3323

 8.9233, 0.2879,
0.3399

385.1828, 0.3056,

 4.6912, 0.2820,

0.3321

452.2906, 0.3060,
0.3320

0.3425

2.0672, 0.2725,
0.3467

0.6461, 0.2309,
0.3651

89.6134, 0.3012,
0.3341

89.6134, 0.3012,
0.3341

85.5947, 0.2893,
0.3401

94.2282, 0.3136,
0.3286

82.1358, 0.2783,
0.3467

95.5467, 0.3137,
0.3235

79.2138, 0.2683,
0.3538

95.6230, 0.3130,
0.3223

76.7998, 0.2598,
0.3613

■ 74.8621, 0.2530,
0.3691

■ 73.3653, 0.2481,
0.3771

■ 72.2691, 0.2451,
0.3852

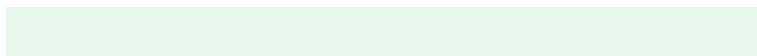
■ 71.5258, 0.2442,
0.3933

■ 71.0619, 0.2449,
0.4013

Harmonies

Analogous

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



89.6134, 0.3099, 0.3414



89.6134, 0.3012, 0.3341



89.6134, 0.2957, 0.3255

Triad

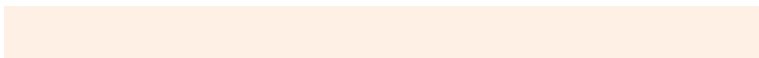
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.6134, 0.3012, 0.3341



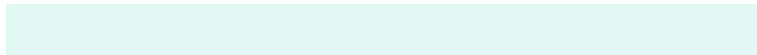
89.6134, 0.3059, 0.3133



89.6134, 0.3312, 0.3397

Complementary

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



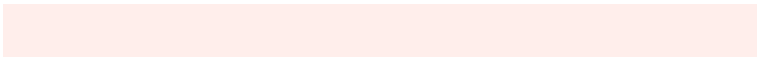
89.6134, 0.3012, 0.3341



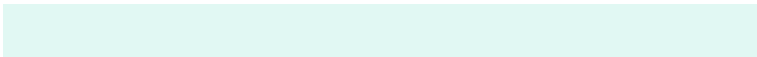
79.5105, 0.3256, 0.3240

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.



89.6134, 0.3301, 0.3322



89.6134, 0.3012, 0.3341



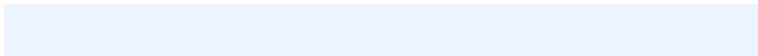
89.6134, 0.3154, 0.3171

Square

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



89.6134, 0.3012, 0.3341



89.6134, 0.2983, 0.3136



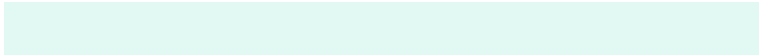
89.6134, 0.3243, 0.3239



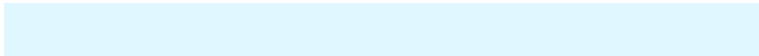
89.6134, 0.3272, 0.3446

Rectangle

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



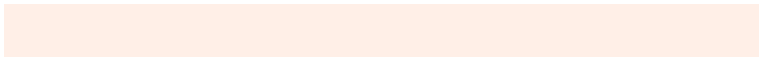
89.6134, 0.3012, 0.3341



89.6134, 0.2944, 0.3202



89.6134, 0.3243, 0.3239



89.6134, 0.3314, 0.3374

Sweetspot

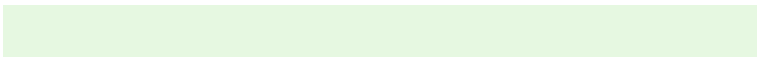
The Sweet Spot groups the original color and five complimentary colors.



89.6172, 0.3012, 0.3341



98.4708, 0.3090, 0.3306



89.4594, 0.3150, 0.3527



20.9914, 0.3080, 0.3310



0.0000, 0.0000, 0.0000



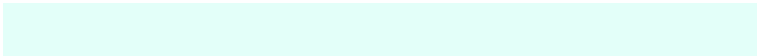
21.4041, 0.3127, 0.3290

Same Dimension

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



89.6172, 0.3012, 0.3341



94.6748, 0.2991, 0.3351



86.2092, 0.2983, 0.3227



19.5399, 0.3009, 0.3342



38.3893, 0.2446, 0.4006



3.5710, 0.2419, 0.3910

Inverse Universe

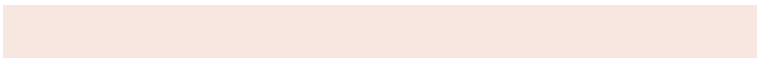
The Inverse Universe completely reimagines the original color for something new.



79.5105, 0.3256, 0.3240



82.0581, 0.3283, 0.3230



82.6131, 0.3283, 0.3352



17.2872, 0.3260, 0.3238



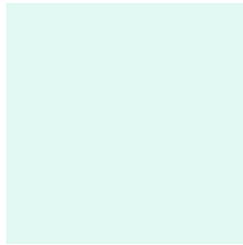
10.9418, 0.6028, 0.3094



1.0284, 0.5706, 0.2917

Previews

White Background



This preview shows how the Yxy color 89.6134, 0.3012, 0.3341 looks on a white background.

Color Contrast Check

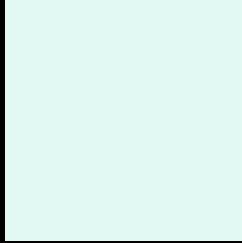
Large Text (above 18pt) WCAG AA × Fail

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 89.6134, 0.3012, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

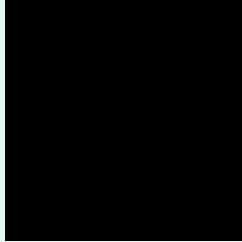
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

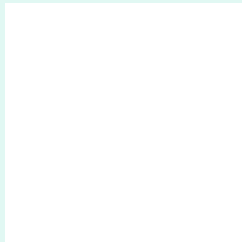
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.6134, 0.3012, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 89.6134, 0.3012, 0.3341.

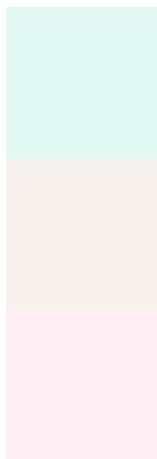


This preview shows how white text looks on a background with the Yxy color 89.6134, 0.3012, 0.3341.

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

89.6134, 0.3012, 0.3341

Protanopia

89.6927, 0.3185, 0.3320

Deuteranopia

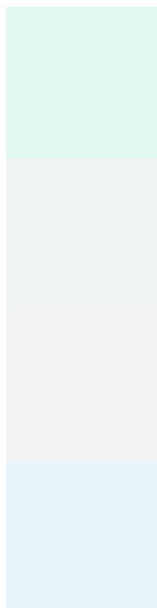
89.5247, 0.3202, 0.3242



Tritanopia

89.5835, 0.3006, 0.3180

Trichromacy



Original Color

89.6134, 0.3012, 0.3341

Protanomaly

89.5179, 0.3125, 0.3330

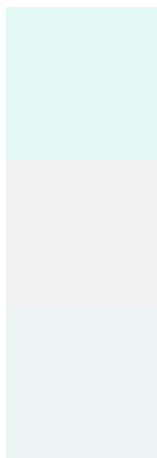
Deuteranomaly

89.2690, 0.3128, 0.3270

Tritanomaly

89.2588, 0.3004, 0.3229

Monochromacy



Original Color

89.6134, 0.3012, 0.3341

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.7743, 0.3081, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.6134, 0.3012, 0.3341 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(225, 248, 243)` looks like.

```
.text, #text, p{  
    color:rgb(225, 248, 243)  
}
```

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(225, 248, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 248, 243) }
```

Border

The CSS property to change the border of an element to Yxy 89.6134, 0.3012, 0.3341 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(225, 248, 243) }
```

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

```
.border{ border-color:rgb(225, 248, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 248, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 248, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 248, 243);  
box-shadow:4px 4px 4px 4px rgb(225, 248,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 89.6134, 0.3012, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 248, 243) }
```

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

```
.background{ background-color: rgb(225,  
248, 243) }
```

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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