

Converting Colors

Yxy(90.9431, 0.3015, 0.3354)

Have a look what the booklet for
Yxy(90.9431, 0.3015, 0.3354)
contains.

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Color

Yxy(91.0716, 0.3012, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	E2FAF4
RGB	226, 250, 244
RGB Percent	89%, 98%, 96%
CMY	0.1140, 0.0195, 0.0432
CMYK	0.10, 0.00, 0.02, 0.02
HSL	165°, 71%, 93%
HSV	165°, 10%, 98%
XYZ	81.8584, 91.0716, 98.8443
YIQ	242.1400, -12.3780, -6.9540

Conversions

Conversions Part 2

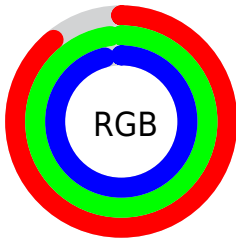
Format	Color
R _Y B	226, 240, 250
Decimal	14875380
CIE Lab	96.44, -8.94, 0.21
CIE LCh	96, 8.942, 178.674
Yxy	91.0716, 0.3012, 0.3351
Android (android.graphics.Color)	4293065460 (0xFFE2FAF4)
YUV	242.1400, 0.9170, -14.1548
Hunter-Lab	95.4314, -13.8927, 5.3916

Details

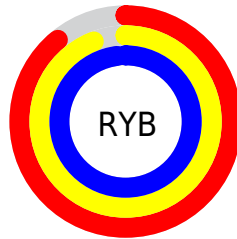
The Yxy color **91.0716, 0.3012, 0.3351** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.5019, 0.3257, 0.3230**, and the grayscale version is **88.9018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.8723, 0.2990, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **86.9518, 0.2898, 0.3421**, and if you desaturate by 10%, it is **95.8013, 0.3131, 0.3288**.

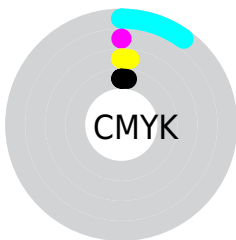
Distribution



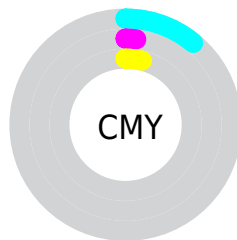
- Red (89%)
- Green (98%)
- Blue (96%)



- Red (89%)
- Yellow (94%)
- Blue (98%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)





- Cyan (11%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.0716, 0.3012, 0.3351 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 91.0716, 0.3012, 0.3351 by changing the saturation by 10% instead.

 91.0716, 0.3012,
0.3351

 91.0716, 0.3012,
0.3351


531.5106, 0.3063,
0.3324

 68.8698, 0.3001,
0.3357


148.8260, 0.3029,
0.3342

 50.6057, 0.2987,
0.3364


185.1474, 0.3036,
0.3338

 35.8949, 0.2970,
0.3373


226.9440, 0.3042,
0.3335

 24.3530, 0.2948,
0.3385


274.6004, 0.3047,
0.3332

 15.5957, 0.2920,
0.3400

328.5008, 0.3052,
0.3330

 9.2385, 0.2880,
0.3421

389.0297, 0.3056,

 4.8971, 0.2823,

0.3328

456.5715, 0.3060,
0.3326

0.3451

2.1870, 0.2729,
0.3501

0.7129, 0.2375,
0.3686

91.0716, 0.3012,
0.3351

91.0716, 0.3012,
0.3351

86.9518, 0.2898,
0.3421

95.8013, 0.3131,
0.3288

83.4049, 0.2791,
0.3497

96.8685, 0.3129,
0.3243

80.4072, 0.2695,
0.3579

77.9292, 0.2614,
0.3666

■ 75.9383, 0.2549,
0.3757

■ 74.3983, 0.2503,
0.3850

■ 73.2680, 0.2477,
0.3945

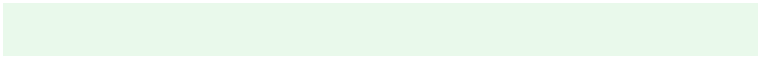
■ 72.4979, 0.2471,
0.4039

■ 72.0102, 0.2482,
0.4132

Harmonies

Analogous

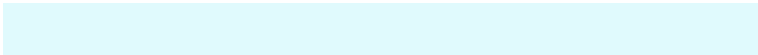
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0716, 0.3105, 0.3426



91.0716, 0.3012, 0.3351



91.0716, 0.2950, 0.3260

Triad

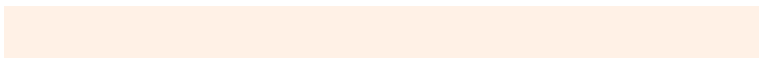
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.0716, 0.3012, 0.3351



91.0716, 0.3048, 0.3123



91.0716, 0.3323, 0.3398

Complementary

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



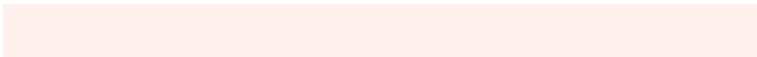
91.0716, 0.3012, 0.3351



80.5019, 0.3257, 0.3230

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.



91.0716, 0.3308, 0.3316



91.0716, 0.3012, 0.3351



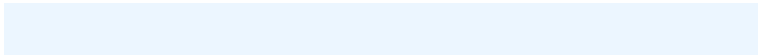
91.0716, 0.3147, 0.3159

Square

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



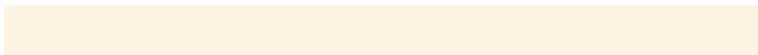
91.0716, 0.3012, 0.3351



91.0716, 0.2970, 0.3129



91.0716, 0.3243, 0.3230



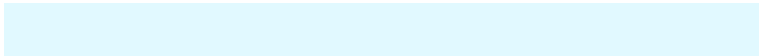
91.0716, 0.3285, 0.3452

Rectangle

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



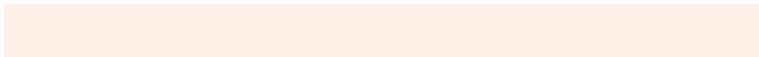
91.0716, 0.3012, 0.3351



91.0716, 0.2934, 0.3203



91.0716, 0.3243, 0.3230



91.0716, 0.3324, 0.3372

Sweetspot

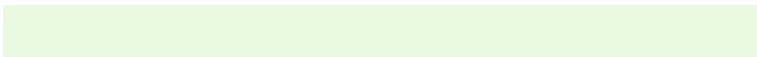
The Sweet Spot groups the original color and five complimentary colors.



91.0754, 0.3012, 0.3351



98.4551, 0.3091, 0.3308



91.0893, 0.3156, 0.3536



20.9872, 0.3081, 0.3313



0.0000, 0.0000, 0.0000



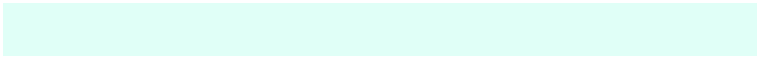
21.4041, 0.3127, 0.3290

Same Dimension

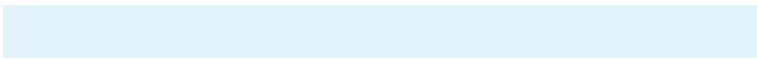
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.0754, 0.3012, 0.3351



94.1676, 0.2984, 0.3367



88.0036, 0.2978, 0.3232



19.5300, 0.3014, 0.3350



38.2030, 0.2478, 0.4120



3.5552, 0.2447, 0.4008

Inverse Universe

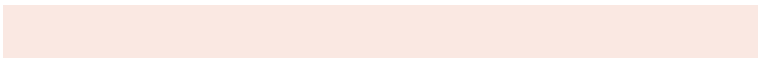
The Inverse Universe completely reimagines the original color for something new.



80.5019, 0.3257, 0.3230



80.6162, 0.3293, 0.3214



83.2731, 0.3291, 0.3347



17.2965, 0.3254, 0.3231



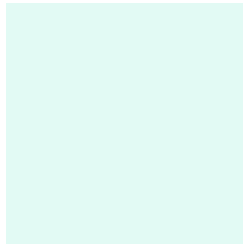
10.9877, 0.5932, 0.3042



1.0339, 0.5601, 0.2859

Previews

White Background



This preview shows how the Yxy color 91.0716, 0.3012, 0.3351 looks on a white background.

Color Contrast Check

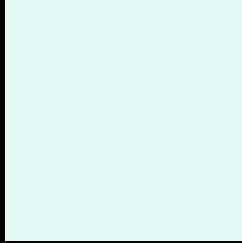
Large Text (above 18pt) WCAG AA × Fail

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 91.0716, 0.3012, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

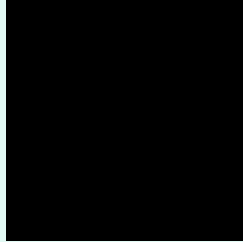
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

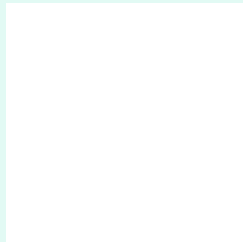
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.0716, 0.3012, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 91.0716, 0.3012, 0.3351.

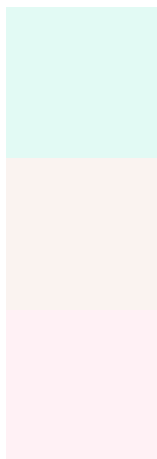


This preview shows how white text looks on a background with the Yxy color 91.0716, 0.3012, 0.3351.

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

91.0716, 0.3012, 0.3351

Protanopia

90.7164, 0.3191, 0.3320

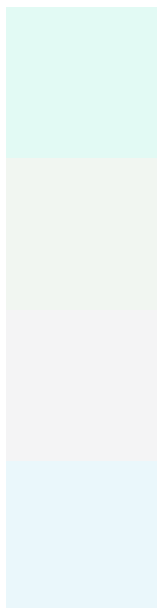
Deuteranopia

90.7632, 0.3195, 0.3251

Tritanopia

91.3087, 0.3024, 0.3201

Trichromacy



Original Color

91.0716, 0.3012, 0.3351

Protanomaly

90.9632, 0.3125, 0.3340

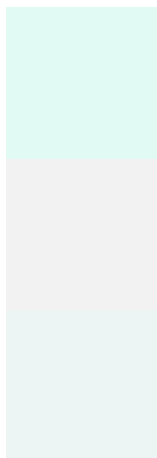
Deuteranomaly

90.5270, 0.3121, 0.3280

Tritanomaly

90.9790, 0.3022, 0.3250

Monochromacy



Original Color

91.0716, 0.3012, 0.3351

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.6087, 0.3081, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.0716, 0.3012, 0.3351 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(226, 250, 244)` looks like.

```
.text, #text, p{  
    color:rgb(226, 250, 244)  
}
```

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(226, 250, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 250, 244) }
```

Border

The CSS property to change the border of an element to Yxy 91.0716, 0.3012, 0.3351 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(226, 250, 244) }
```

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

```
.border{ border-color:rgb(226, 250, 244) }
```

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

Here you see how a box with a 4 pixel rgb(226, 250, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 250, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 250, 244);  
box-shadow:4px 4px 4px 4px rgb(226, 250,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 91.0716, 0.3012, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 250, 244) }
```

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

```
.background{ background-color: rgb(226,  
250, 244) }
```

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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