

Converting Colors

$Yxy(91.6839, 0.2971, 0.3245)$

Have a look what the booklet for
Yxy(91.6839, 0.2971, 0.3245)
contains.

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Color

Yxy(91.4011, 0.2969, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	E4F9FE
RGB	228, 249, 254
RGB Percent	89%, 98%, 100%
CMY	0.1055, 0.0236, 0.0039
CMYK	0.10, 0.02, 0.00, 0.00
HSL	192°, 93%, 95%
HSV	192°, 10%, 100%
XYZ	83.7820, 91.4011, 107.0062
YIQ	243.2910, -14.1210, -2.8970

Conversions

Conversions Part 2

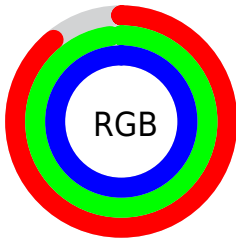
Format	Color
R_{YB}	228, 240, 254
Decimal	15006206
CIE _{Lab}	96.57, -5.83, -4.75
CIE _{LCh}	97, 7.517, 219.185
Yxy	91.4011, 0.2969, 0.3239
Android (android.graphics.Color)	4293196286 (0xFFE4F9FE)
YUV	243.2910, 5.2795, -13.4102
Hunter-Lab	95.6039, -10.8793, 0.5615

Details

The Yxy color **91.4011, 0.2969, 0.3239** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.0282, 0.3303, 0.3340**, and the grayscale version is **89.8506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9418, 0.2934, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **84.5392, 0.2817, 0.3184**, and if you desaturate by 10%, it is **98.9612, 0.3124, 0.3289**.

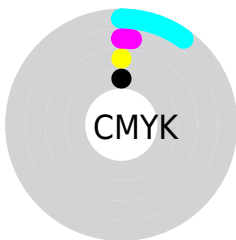
Distribution



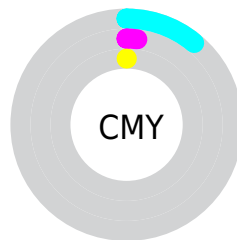
- Red (89%)
- Green (98%)
- Blue (100%)



- Red (89%)
- Yellow (94%)
- Blue (100%)



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





- Cyan (11%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4011, 0.2969, 0.3239 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 91.4011, 0.2969, 0.3239 by changing the saturation by 10% instead.


 91.4011, 0.2969,
0.3239

 91.4011, 0.2969,
0.3239


532.5781, 0.3039,
0.3262

 69.1433, 0.2954,
0.3234


149.2831, 0.2993,
0.3247

 50.8284, 0.2935,
0.3227

185.6760, 0.3002,
0.3250

 36.0721, 0.2912,
0.3220


227.5495, 0.3010,
0.3253

 24.4899, 0.2883,
0.3209

275.2878, 0.3017,
0.3255

 15.6974, 0.2845,
0.3196

329.2755, 0.3024,
0.3257

 9.3103, 0.2792,
0.3176

389.8968, 0.3029,

 4.9441, 0.2716,

0.3259

0.3148

457.5362, 0.3034,
0.3261

■ 2.2145, 0.2594,
0.3100

■ 0.7279, 0.2279,
0.3019

■ 91.4011, 0.2969,
0.3239

■ 91.4011, 0.2969,
0.3239

■ 84.5392, 0.2817,
0.3184

■ 98.9612, 0.3124,
0.3289

■ 78.3368, 0.2672,
0.3125

■ 99.9369, 0.3133,
0.3299

■ 72.7689, 0.2536,
0.3061

■ 67.8038, 0.2414,
0.2994

■ 63.4072, 0.2307,
0.2925

■ 59.5407, 0.2218,
0.2854

■ 56.1603, 0.2149,
0.2782

■ 53.2137, 0.2100,
0.2711

■ 50.6662, 0.2067,
0.2642

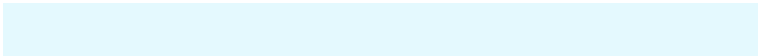
Harmonies

Analogous

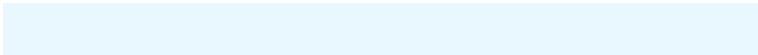
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4011, 0.3008, 0.3315



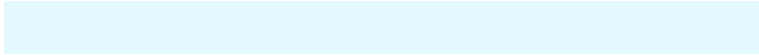
91.4011, 0.2969, 0.3239



91.4011, 0.2971, 0.3178

Triad

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



91.4011, 0.2969, 0.3239



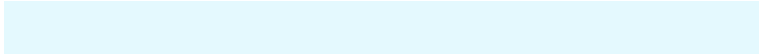
91.4011, 0.3174, 0.3198



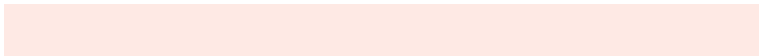
91.4011, 0.3240, 0.3434

Complementary

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



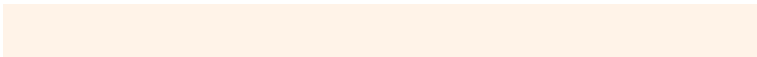
91.4011, 0.2969, 0.3239



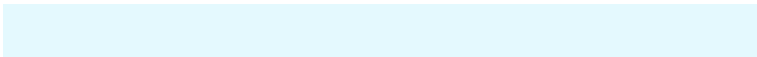
85.0282, 0.3303, 0.3340

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.



91.4011, 0.3285, 0.3400



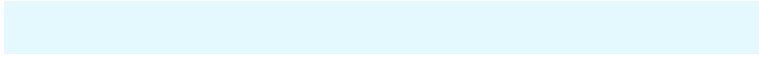
91.4011, 0.2969, 0.3239



91.4011, 0.3247, 0.3264

Square

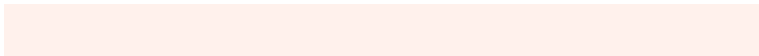
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.4011, 0.2969, 0.3239



91.4011, 0.3089, 0.3156



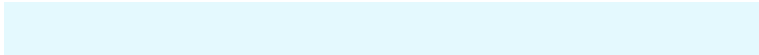
91.4011, 0.3288, 0.3338



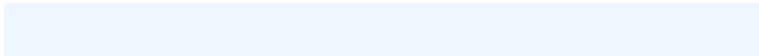
91.4011, 0.3164, 0.3429

Rectangle

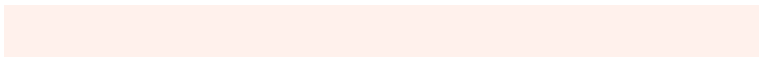
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



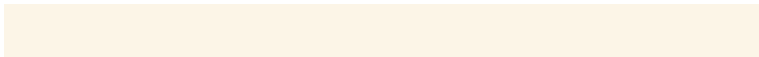
91.4011, 0.2969, 0.3239



91.4011, 0.2996, 0.3154



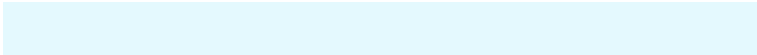
91.4011, 0.3288, 0.3338



91.4011, 0.3259, 0.3427

Sweetspot

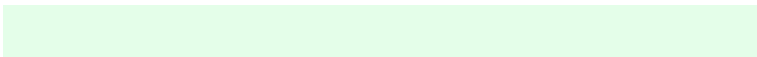
The Sweet Spot groups the original color and five complimentary colors.



91.4049, 0.2969, 0.3239



97.6335, 0.3080, 0.3276



93.2774, 0.3088, 0.3506



20.7645, 0.3068, 0.3272



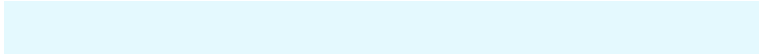
0.0000, 0.0000, 0.0000



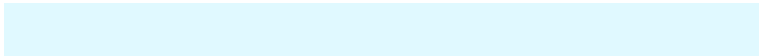
21.4041, 0.3127, 0.3290

Same Dimension

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



91.4049, 0.2969, 0.3239



90.9175, 0.2941, 0.3230



83.8279, 0.2968, 0.3110



19.8465, 0.2980, 0.3243



26.9177, 0.2070, 0.2653



2.7672, 0.2093, 0.2734

Inverse Universe

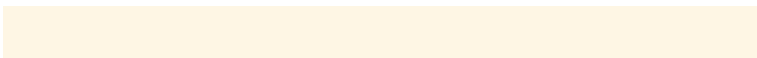
The Inverse Universe completely reimagines the original color for something new.



83.4471, 0.3171, 0.3086



81.6297, 0.3180, 0.3050



92.4744, 0.3289, 0.3464



18.2363, 0.3168, 0.3101



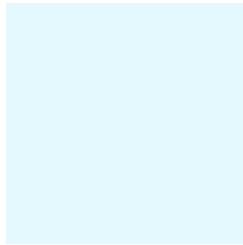
13.4453, 0.3773, 0.1852



1.3239, 0.3696, 0.1810

Previews

White Background



This preview shows how the Yxy color 91.4011, 0.2969, 0.3239 looks on a white background.

Color Contrast Check

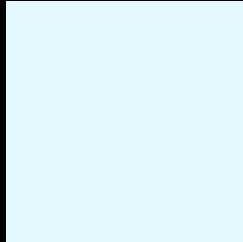
Large Text (above 18pt) WCAG AA × Fail

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 91.4011, 0.2969, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

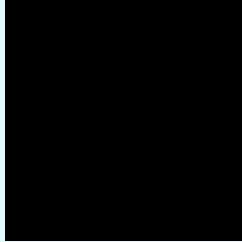
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

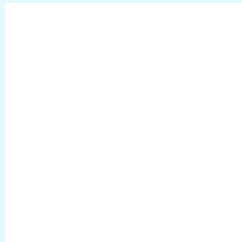
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.4011, 0.2969, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 91.4011, 0.2969, 0.3239.

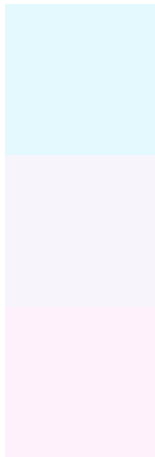


This preview shows how white text looks on a background with the Yxy color 91.4011, 0.2969, 0.3239.

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

91.4011, 0.2969, 0.3239

Protanopia

91.4406, 0.3105, 0.3222

Deuteranopia

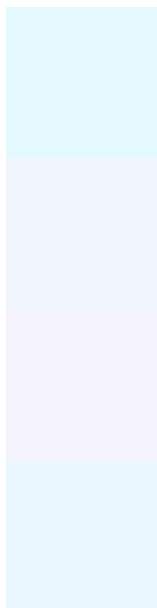
91.1356, 0.3158, 0.3194



Tritanopia

91.3087, 0.3024, 0.3201

Trichromacy



Original Color

91.4011, 0.2969, 0.3239

Protanomaly

91.4651, 0.3054, 0.3231

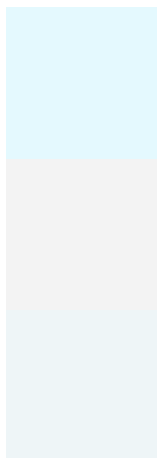
Deuteranomaly

91.1421, 0.3086, 0.3212

Tritanomaly

91.2340, 0.2999, 0.3210

Monochromacy



Original Color

91.4011, 0.2969, 0.3239

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.1974, 0.3071, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4011, 0.2969, 0.3239 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(228, 249, 254)` looks like.

```
.text, #text, p{  
    color:rgb(228, 249, 254)  
}
```

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(228, 249, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 249, 254) }
```

Border

The CSS property to change the border of an element to Yxy 91.4011, 0.2969, 0.3239 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(228, 249, 254) }
```

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

```
.border{ border-color:rgb(228, 249, 254) }
```

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

Here you see how a box with a 4 pixel rgb(228, 249, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 249, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 249, 254);  
box-shadow:4px 4px 4px 4px rgb(228, 249,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4011, 0.2969, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 249, 254) }
```

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

```
.background{ background-color: rgb(228,  
249, 254) }
```

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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