

Converting Colors

$Y_{xy}(92.0272, 0.2989, 0.3301)$

Have a look what the booklet for
Yxy(92.0272, 0.2989, 0.3301)
contains.

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Color

Yxy(92.2274, 0.2985, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	E3FBFA
RGB	227, 251, 250
RGB Percent	89%, 98%, 98%
CMY	0.1099, 0.0156, 0.0197
CMYK	0.10, 0.00, 0.00, 0.02
HSL	177°, 75%, 94%
HSV	177°, 10%, 98%
XYZ	83.4239, 92.2274, 103.8257
YIQ	243.7100, -13.9830, -5.3990

Conversions

Conversions Part 2

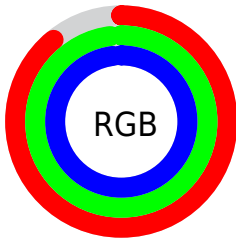
Format	Color
R_{YB}	227, 239, 251
Decimal	14941178
CIE _{Lab}	96.91, -7.97, -2.18
CIE _{LCh}	97, 8.260, 195.277
Y _{xy}	92.2274, 0.2985, 0.3300
Android (android.graphics.Color)	4293131258 (0xFFE3FBFA)
YUV	243.7100, 3.1010, -14.6547
Hunter-Lab	96.0351, -13.0018, 3.1248

Details

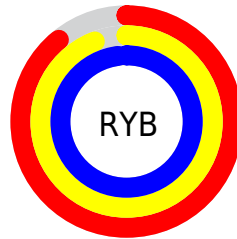
The Yxy color 92.2274, 0.2985, 0.3300 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 81.0444, 0.3289, 0.3280, and the grayscale version is 90.2057, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.1365, 0.2948, 0.3289 is the 20% darker color. If you saturate the color by 10%, you get 88.3754, 0.2844, 0.3311, and if you desaturate by 10%, it is 96.6825, 0.3134, 0.3290.

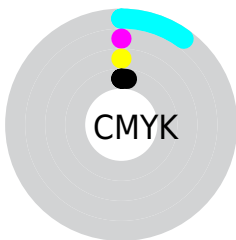
Distribution



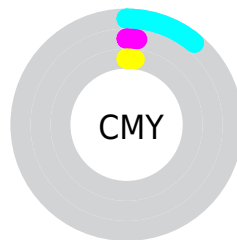
- Red (89%)
- Green (98%)
- Blue (98%)



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



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



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2274, 0.2985, 0.3300 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 92.2274, 0.2985, 0.3300 by changing the saturation by 10% instead.

 92.2274, 0.2985,
0.3300

 92.2274, 0.2985,
0.3300


535.2502, 0.3048,
0.3296

 69.8295, 0.2971,
0.3301


150.4285, 0.3006,
0.3299

 51.3876, 0.2955,
0.3302


187.0006, 0.3015,
0.3298

 36.5171, 0.2934,
0.3303


229.0661, 0.3022,
0.3298

 24.8339, 0.2908,
0.3304

277.0095, 0.3028,
0.3297

 15.9533, 0.2873,
0.3306

331.2153, 0.3034,
0.3297

 9.4911, 0.2826,
0.3308

392.0677, 0.3039,

 5.0629, 0.2757,

0.3297

0.3311

459.9512, 0.3044,
0.3296

■ 2.2842, 0.2648,
0.3313

■ 0.7653, 0.2333,
0.3351

■ 92.2274, 0.2985,
0.3300

■ 92.2274, 0.2985,
0.3300

■ 88.3754, 0.2844,
0.3311

■ 96.6825, 0.3134,
0.3290

■ 85.0893, 0.2715,
0.3324

■ 97.2995, 0.3146,
0.3279

■ 82.3454, 0.2599,
0.3337

■ 97.3684, 0.3139,
0.3269

■ 80.1139, 0.2500,
0.3351

■ 97.4377, 0.3133,
0.3259

78.3623, 0.2419,
0.3365

97.4822, 0.3129,
0.3252

77.0540, 0.2358,
0.3379

76.1476, 0.2316,
0.3394

75.5935, 0.2293,
0.3408

75.3138, 0.2284,
0.3422

Harmonies

Analogous

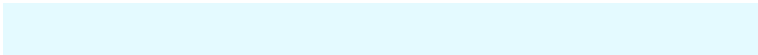
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2274, 0.3057, 0.3380



92.2274, 0.2985, 0.3300



92.2274, 0.2951, 0.3218

Triad

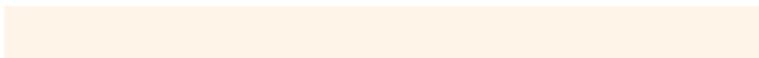
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.2274, 0.2985, 0.3300



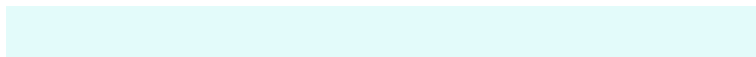
92.2274, 0.3104, 0.3150



92.2274, 0.3294, 0.3421

Complementary

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



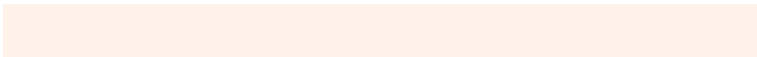
92.2274, 0.2985, 0.3300



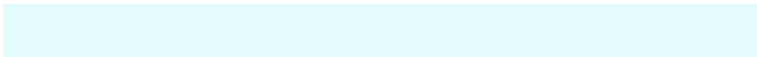
81.0444, 0.3289, 0.3280

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.



92.2274, 0.3307, 0.3358



92.2274, 0.2985, 0.3300



92.2274, 0.3196, 0.3203

Square

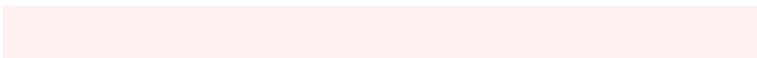
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.2274, 0.2985, 0.3300



92.2274, 0.3018, 0.3133



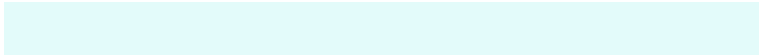
92.2274, 0.3271, 0.3278



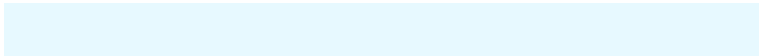
92.2274, 0.3236, 0.3450

Rectangle

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



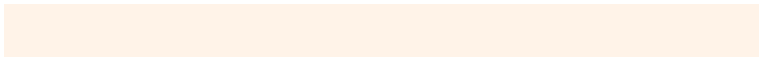
92.2274, 0.2985, 0.3300



92.2274, 0.2954, 0.3175



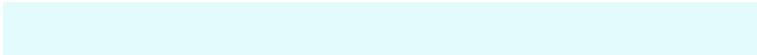
92.2274, 0.3271, 0.3278



92.2274, 0.3304, 0.3403

Sweetspot

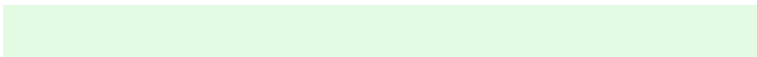
The Sweet Spot groups the original color and five complimentary colors.



92.2313, 0.2985, 0.3300



98.5566, 0.3082, 0.3293



91.0720, 0.3123, 0.3537



21.0147, 0.3070, 0.3294



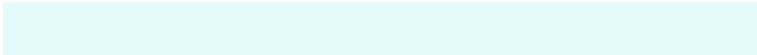
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

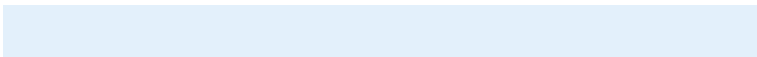
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2313, 0.2985, 0.3300



94.9850, 0.2964, 0.3302



85.7325, 0.2978, 0.3180



19.5949, 0.2986, 0.3300



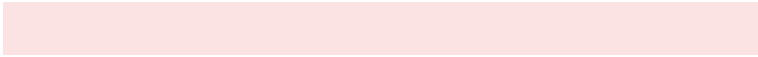
39.5843, 0.2283, 0.3420



3.6701, 0.2279, 0.3403

Inverse Universe

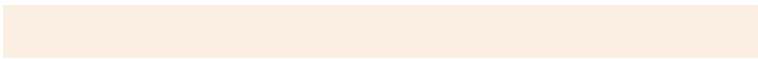
The Inverse Universe completely reimagines the original color for something new.



81.0444, 0.3289, 0.3280



81.7812, 0.3316, 0.3279



87.0881, 0.3284, 0.3398



17.2373, 0.3287, 0.3280



10.7983, 0.6357, 0.3275



1.0042, 0.6249, 0.3216

Previews

White Background



This preview shows how the Yxy color 92.2274, 0.2985, 0.3300 looks on a white background.

Color Contrast Check

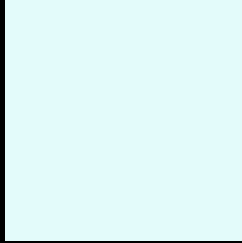
Large Text (above 18pt) WCAG AA × Fail

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 92.2274, 0.2985, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

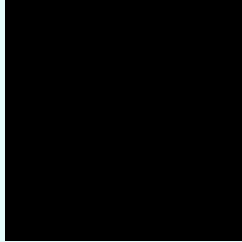
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

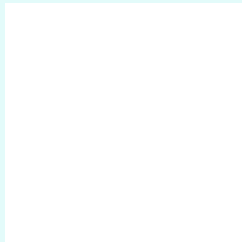
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.2274, 0.2985, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 92.2274, 0.2985, 0.3300.

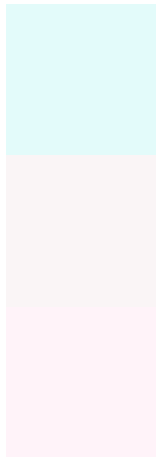


This preview shows how white text looks on a background with the Yxy color 92.2274, 0.2985, 0.3300.

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

92.2274, 0.2985, 0.3300

Protanopia

92.2826, 0.3153, 0.3280

Deuteranopia

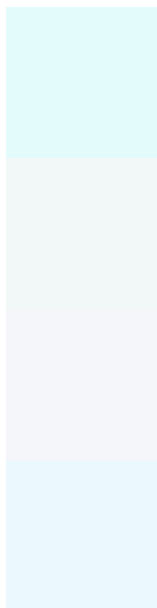
92.2007, 0.3169, 0.3232



Tritanopia

92.2668, 0.3036, 0.3211

Trichromacy



Original Color

92.2274, 0.2985, 0.3300

Protanomaly

92.1142, 0.3095, 0.3290

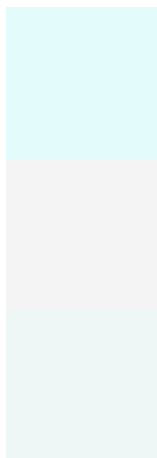
Deuteranomaly

92.1636, 0.3103, 0.3261

Tritanomaly

91.8888, 0.3017, 0.3240

Monochromacy



Original Color

92.2274, 0.2985, 0.3300

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.3525, 0.3076, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2274, 0.2985, 0.3300 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(227, 251, 250)` looks like.

```
.text, #text, p{  
    color:rgb(227, 251, 250)  
}
```

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(227, 251, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 251, 250) }
```

Border

The CSS property to change the border of an element to Yxy 92.2274, 0.2985, 0.3300 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(227, 251, 250) }
```

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

```
.border{ border-color:rgb(227, 251, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 251, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 251, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 251, 250);  
box-shadow:4px 4px 4px 4px rgb(227, 251,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2274, 0.2985, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 251, 250) }
```

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

```
.background{ background-color: rgb(227,  
251, 250) }
```

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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