

Converting Colors

$Yxy(92.5193, 0.2987, 0.3282)$

Have a look what the booklet for
Yxy(92.5193, 0.2987, 0.3282)
contains.

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Color

Yxy(92.6806, 0.2986, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	E5FBFC
RGB	229, 251, 252
RGB Percent	90%, 98%, 99%
CMY	0.1020, 0.0156, 0.0119
CMYK	0.09, 0.00, 0.00, 0.01
HSL	182°, 79%, 94%
HSV	182°, 9%, 99%
XYZ	84.3733, 92.6806, 105.5090
YIQ	244.5360, -13.4330, -4.3530

Conversions

Conversions Part 2

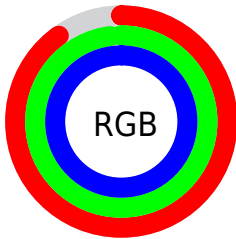
Format	Color
R _Y B	229, 240, 252
Decimal	15072252
CIE Lab	97.10, -6.96, -2.92
CIE LCh	97, 7.542, 202.747
Yxy	92.6806, 0.2986, 0.3280
Android (android.graphics.Color)	4293262332 (0xFFE5FBFC)
YUV	244.5360, 3.6798, -13.6251
Hunter-Lab	96.2708, -12.0336, 2.4100

Details

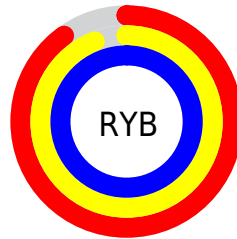
The Yxy color 92.6806, 0.2986, 0.3280 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 82.9075, 0.3286, 0.3300, and the grayscale version is 90.8961, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.4079, 0.2956, 0.3277 is the 20% darker color. If you saturate the color by 10%, you get 88.1841, 0.2838, 0.3268, and if you desaturate by 10%, it is 97.7900, 0.3141, 0.3291.

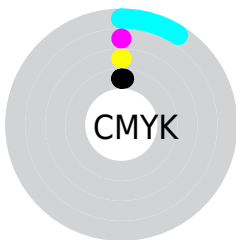
Distribution



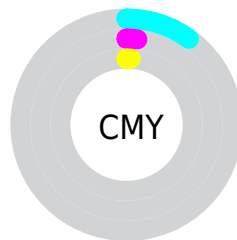
- Red (90%)
- Green (98%)
- Blue (99%)



- Red (90%)
- Yellow (94%)
- Blue (99%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)





- Cyan (10%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6806, 0.2986, 0.3280 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 92.6806, 0.2986, 0.3280 by changing the saturation by 10% instead.

 92.6806, 0.2986,
0.3280

 92.6806, 0.2986,
0.3280


536.7127, 0.3048,
0.3285

 70.2061, 0.2972,
0.3279


151.0563, 0.3007,
0.3282

 51.6945, 0.2956,
0.3277

187.7263, 0.3015,
0.3282

 36.7617, 0.2936,
0.3276


229.8969, 0.3023,
0.3283

 25.0230, 0.2910,
0.3273

277.9525, 0.3029,
0.3283

 16.0942, 0.2876,
0.3270

332.2775, 0.3035,
0.3284

 9.5908, 0.2829,
0.3265

393.2562, 0.3040,

 5.1285, 0.2761,

0.3284

461.2732, 0.3044,
0.3285

0.3258

■ 2.3229, 0.2654,
0.3244

■ 0.7858, 0.2379,
0.3240

■ 92.6806, 0.2986,
0.3280

■ 92.6806, 0.2986,
0.3280

■ 88.1841, 0.2838,
0.3268

■ 97.7900, 0.3141,
0.3291

■ 84.2631, 0.2701,
0.3256

■ 98.6037, 0.3146,
0.3301

■ 80.8937, 0.2577,
0.3242

■ 99.2668, 0.3145,
0.3311

■ 78.0461, 0.2470,
0.3229

■ 99.8062, 0.3145,
0.3319

■ 75.6873, 0.2380,
0.3214

■ 73.7809, 0.2310,
0.3200

■ 72.2850, 0.2260,
0.3186

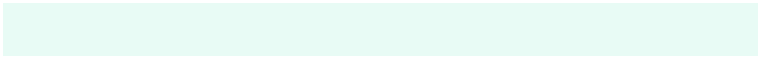
■ 71.1503, 0.2228,
0.3172

■ 70.3024, 0.2212,
0.3159

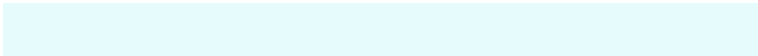
Harmonies

Analogous

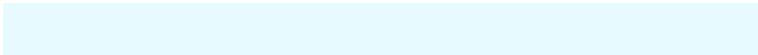
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6806, 0.3045, 0.3355



92.6806, 0.2986, 0.3280



92.6806, 0.2965, 0.3209

Triad

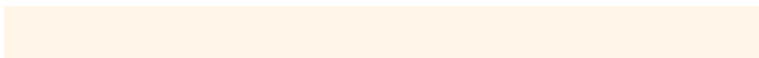
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.6806, 0.2986, 0.3280



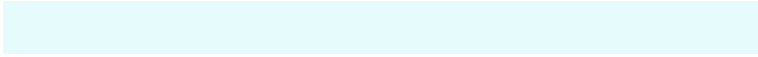
92.6806, 0.3127, 0.3171



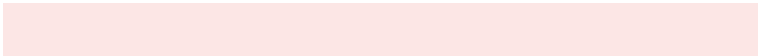
92.6806, 0.3269, 0.3420

Complementary

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



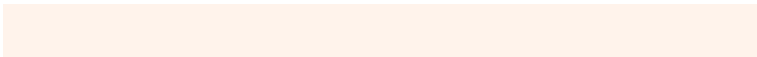
92.6806, 0.2986, 0.3280



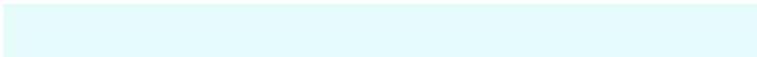
82.9075, 0.3286, 0.3300

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.



92.6806, 0.3292, 0.3368



92.6806, 0.2986, 0.3280



92.6806, 0.3210, 0.3226

Square

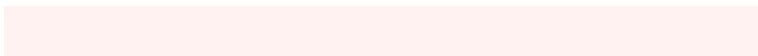
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



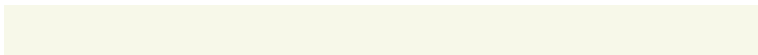
92.6806, 0.2986, 0.3280



92.6806, 0.3046, 0.3147



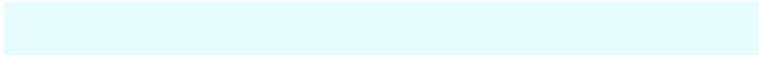
92.6806, 0.3270, 0.3298



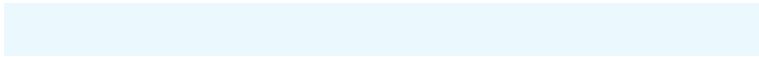
92.6806, 0.3208, 0.3436

Rectangle

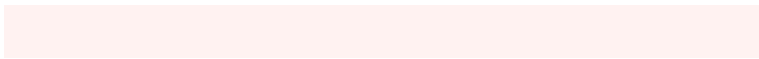
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



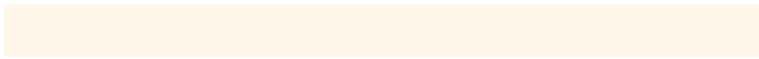
92.6806, 0.2986, 0.3280



92.6806, 0.2975, 0.3173



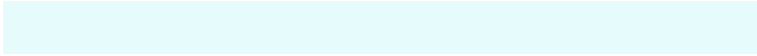
92.6806, 0.3270, 0.3298



92.6806, 0.3282, 0.3406

Sweetspot

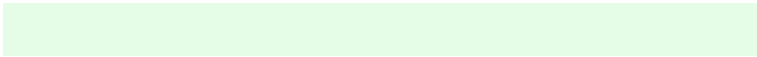
The Sweet Spot groups the original color and five complimentary colors.



92.6845, 0.2986, 0.3280



98.3753, 0.3080, 0.3287



91.9556, 0.3112, 0.3517



20.9655, 0.3068, 0.3286



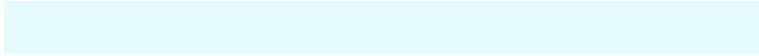
0.0000, 0.0000, 0.0000



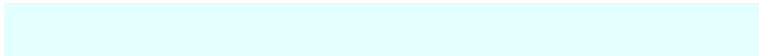
21.4041, 0.3127, 0.3290

Same Dimension

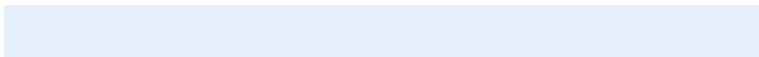
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.6845, 0.2986, 0.3280



94.3216, 0.2957, 0.3278



85.8328, 0.2985, 0.3165



19.4776, 0.2980, 0.3280



36.6525, 0.2211, 0.3160



3.4319, 0.2216, 0.3176

Inverse Universe

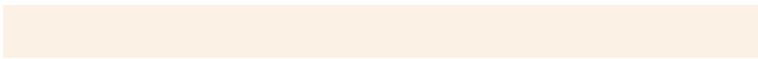
The Inverse Universe completely reimagines the original color for something new.



83.6872, 0.3144, 0.3075



83.3160, 0.3147, 0.3029



89.4007, 0.3274, 0.3412



17.5114, 0.3144, 0.3066



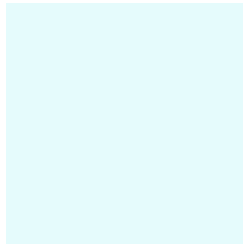
14.1110, 0.3316, 0.1600



1.3107, 0.3302, 0.1593

Previews

White Background



This preview shows how the Yxy color 92.6806, 0.2986, 0.3280 looks on a white background.

Color Contrast Check

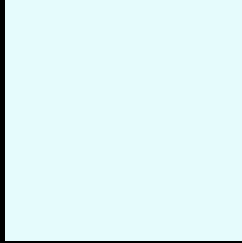
Large Text (above 18pt) WCAG AA × Fail

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 92.6806, 0.2986, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

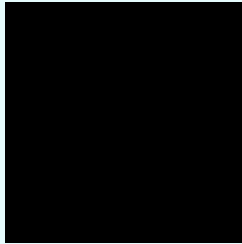
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

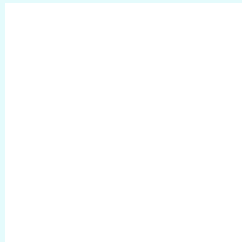
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.6806, 0.2986, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 92.6806, 0.2986, 0.3280.

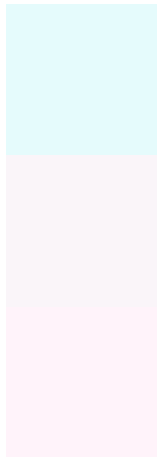


This preview shows how white text looks on a background with the Yxy color 92.6806, 0.2986, 0.3280.

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

92.6806, 0.2986, 0.3280

Protanopia

92.4684, 0.3135, 0.3251

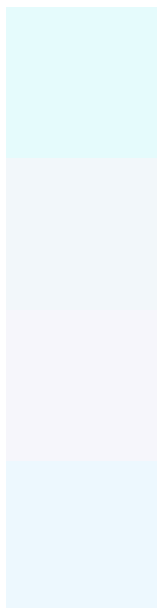
Deuteranopia

92.2633, 0.3163, 0.3223

Tritanopia

92.4423, 0.3043, 0.3211

Trichromacy



Original Color

92.6806, 0.2986, 0.3280

Protanomaly

92.3009, 0.3078, 0.3260

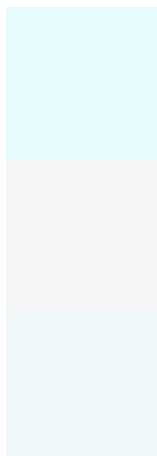
Deuteranomaly

92.4694, 0.3098, 0.3241

Tritanomaly

92.2951, 0.3023, 0.3230

Monochromacy



Original Color

92.6806, 0.2986, 0.3280

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.6496, 0.3071, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6806, 0.2986, 0.3280 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(229, 251, 252)` looks like.

```
.text, #text, p{  
    color:rgb(229, 251, 252)  
}
```

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(229, 251, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 251, 252) }
```

Border

The CSS property to change the border of an element to Yxy 92.6806, 0.2986, 0.3280 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(229, 251, 252) }
```

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

```
.border{ border-color:rgb(229, 251, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 251, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 251, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 251, 252);  
box-shadow:4px 4px 4px 4px rgb(229, 251,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6806, 0.2986, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 251, 252) }
```

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

```
.background{ background-color: rgb(229,  
251, 252) }
```

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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