

Converting Colors

$Yxy(89.8796, 0.2983, 0.3264)$

Have a look what the booklet for
Yxy(89.8796, 0.2983, 0.3264)
contains.

Yxy(89.7545, 0.2985, 0.3259)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(89.7545, 0.2985, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	E3F7FA
RGB	227, 247, 250
RGB Percent	89%, 97%, 98%
CMY	0.1096, 0.0314, 0.0196
CMYK	0.09, 0.01, 0.00, 0.02
HSL	188°, 70%, 94%
HSV	188°, 9%, 98%
XYZ	82.2084, 89.7545, 103.4421
YIQ	241.3620, -12.8830, -3.3070

Conversions

Conversions Part 2

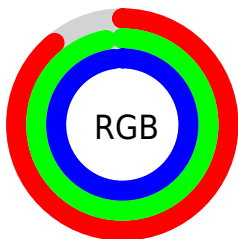
Format	Color
R_{YB}	227, 238, 250
Decimal	14940154
CIE Lab	95.89, -5.92, -3.69
CIE LCh	96, 6.972, 211.952
Yxy	89.7545, 0.2985, 0.3259
Android (android.graphics.Color)	4293130234 (0xFFE3F7FA)
YUV	241.3620, 4.2585, -12.5955
Hunter-Lab	94.7389, -10.9019, 1.5805

Details

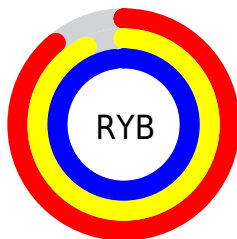
The Yxy color **89.7545, 0.2985, 0.3259** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.5118, 0.3285, 0.3321**, and the grayscale version is **88.2457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.9273, 0.2955, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **83.9876, 0.2835, 0.3222**, and if you desaturate by 10%, it is **96.1548, 0.3140, 0.3293**.

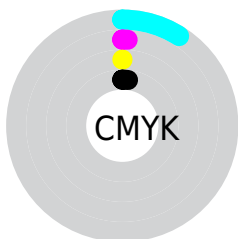
Distribution



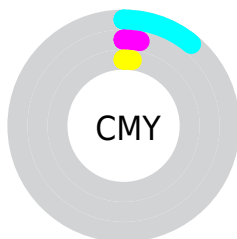
- Red (89%)
- Green (97%)
- Blue (98%)



- Red (89%)
- Yellow (93%)
- Blue (98%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)





- Cyan (11%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.7545, 0.2985, 0.3259 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 89.7545, 0.2985, 0.3259 by changing the saturation by 10% instead.


 89.7545, 0.2985,
0.3259

 89.7545, 0.2985,
0.3259


527.2319, 0.3048,
0.3273

 67.7770, 0.2971,
0.3256


146.9973, 0.3006,
0.3264

 49.7164, 0.2954,
0.3252


183.0315, 0.3015,
0.3266

 35.1881, 0.2933,
0.3247


224.5200, 0.3022,
0.3268

 23.8078, 0.2907,
0.3240

271.8473, 0.3029,
0.3269

 15.1911, 0.2872,
0.3232

325.3978, 0.3034,
0.3270

 8.9536, 0.2824,
0.3219

385.5557, 0.3039,

 4.7109, 0.2753,

0.3271

452.7057, 0.3044,
0.3272

0.3201

2.0787, 0.2639,
0.3169

0.6526, 0.2269,
0.3112

89.7545, 0.2985,
0.3259

89.7545, 0.2985,
0.3259

83.9876, 0.2835,
0.3222

96.1548, 0.3140,
0.3293

78.8173, 0.2693,
0.3183

98.7748, 0.3157,
0.3324

74.2200, 0.2561,
0.3140

99.6829, 0.3156,
0.3338

70.1661, 0.2444,
0.3096

■ 66.6233, 0.2344,
0.3050

■ 63.5554, 0.2262,
0.3003

■ 60.9214, 0.2199,
0.2956

■ 58.6724, 0.2156,
0.2910

■ 56.7347, 0.2130,
0.2864

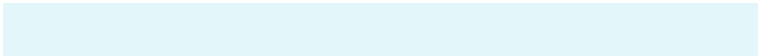
Harmonies

Analogous

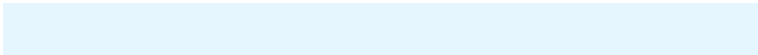
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.7545, 0.3030, 0.3330



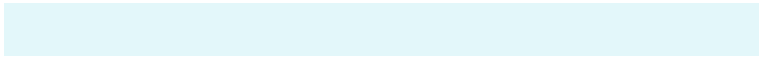
89.7545, 0.2985, 0.3259



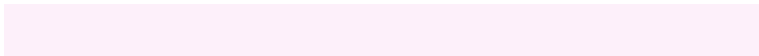
89.7545, 0.2977, 0.3197

Triad

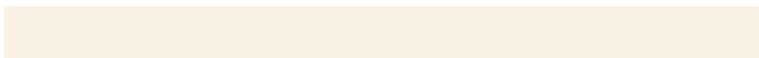
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.7545, 0.2985, 0.3259



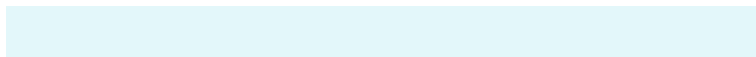
89.7545, 0.3152, 0.3192



89.7545, 0.3246, 0.3420

Complementary

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



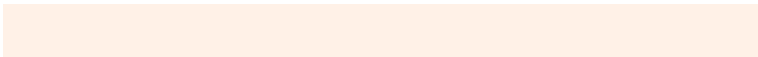
89.7545, 0.2985, 0.3259



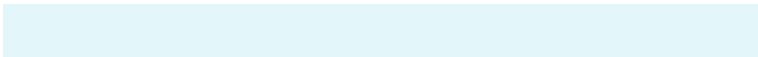
82.5118, 0.3285, 0.3321

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.



89.7545, 0.3279, 0.3381



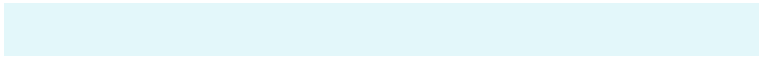
89.7545, 0.2985, 0.3259



89.7545, 0.3225, 0.3250

Square

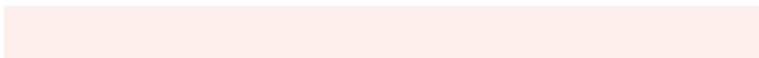
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.7545, 0.2985, 0.3259



89.7545, 0.3073, 0.3160



89.7545, 0.3272, 0.3318



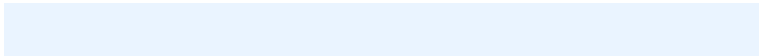
89.7545, 0.3180, 0.3424

Rectangle

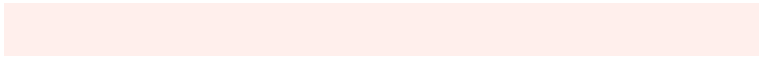
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.7545, 0.2985, 0.3259



89.7545, 0.2995, 0.3170



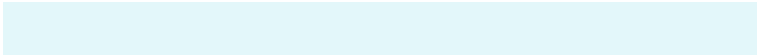
89.7545, 0.3272, 0.3318



89.7545, 0.3261, 0.3410

Sweetspot

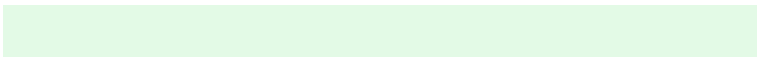
The Sweet Spot groups the original color and five complimentary colors.



89.7583, 0.2985, 0.3259



97.9371, 0.3080, 0.3280



90.4166, 0.3101, 0.3499



20.8468, 0.3068, 0.3278



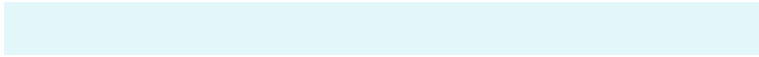
0.0000, 0.0000, 0.0000



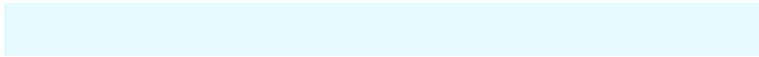
21.4041, 0.3127, 0.3290

Same Dimension

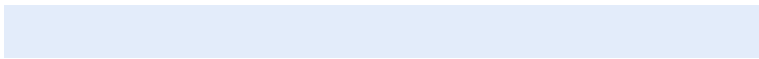
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.7583, 0.2985, 0.3259



92.7297, 0.2957, 0.3253



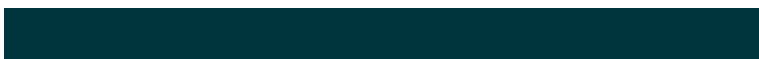
83.1505, 0.2984, 0.3145



19.1959, 0.2980, 0.3258



30.1630, 0.2130, 0.2868



2.8985, 0.2145, 0.2923

Inverse Universe

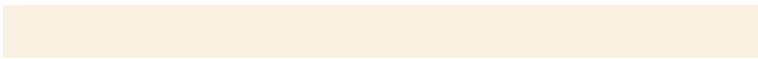
The Inverse Universe completely reimagines the original color for something new.



82.0095, 0.3157, 0.3093



83.1553, 0.3164, 0.3053



88.9113, 0.3273, 0.3431



17.4829, 0.3158, 0.3087



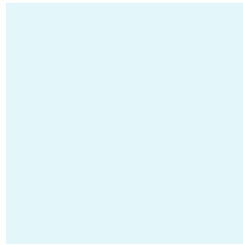
13.4559, 0.3573, 0.1742



1.2568, 0.3523, 0.1714

Previews

White Background



This preview shows how the Yxy color 89.7545, 0.2985, 0.3259 looks on a white background.

Color Contrast Check

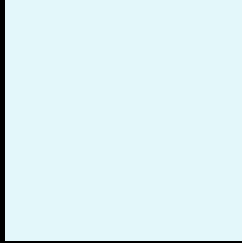
Large Text (above 18pt) WCAG AA × Fail

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 89.7545, 0.2985, 0.3259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

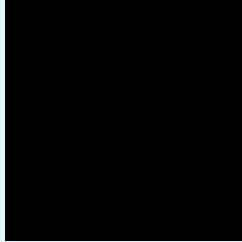
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

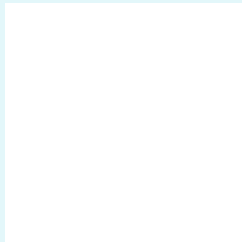
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.7545, 0.2985, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 89.7545, 0.2985, 0.3259.

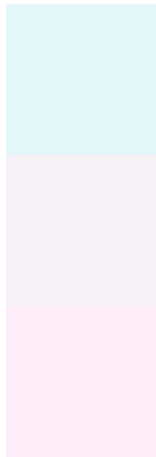


This preview shows how white text looks on a background with the Yxy color 89.7545, 0.2985, 0.3259.

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

89.7545, 0.2985, 0.3259

Protanopia

89.8125, 0.3123, 0.3241

Deuteranopia

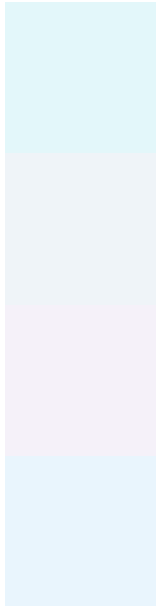
89.2486, 0.3172, 0.3184



Tritanopia

89.7542, 0.3012, 0.3181

Trichromacy



Original Color

89.7545, 0.2985, 0.3259

Protanomaly

89.8294, 0.3071, 0.3250

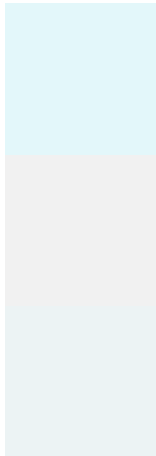
Deuteranomaly

89.1626, 0.3105, 0.3211

Tritanomaly

89.7203, 0.3005, 0.3210

Monochromacy



Original Color

89.7545, 0.2985, 0.3259

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.4657, 0.3076, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.7545, 0.2985, 0.3259 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, 247, 250)` looks like.

```
.text, #text, p{  
    color:rgb(227, 247, 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, 247, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 247, 250) }
```

Border

The CSS property to change the border of an element to Yxy 89.7545, 0.2985, 0.3259 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, 247, 250) }
```

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

```
.border{ border-color:rgb(227, 247, 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, 247, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 247, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 247, 250);  
box-shadow:4px 4px 4px 4px rgb(227, 247,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 89.7545, 0.2985, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 247, 250) }
```

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

```
.background{ background-color: rgb(227,  
247, 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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