

Converting Colors

$Yxy(92.6053, 0.2983, 0.3302)$

Have a look what the booklet for
Yxy(92.6053, 0.2983, 0.3302)
contains.

Yxy(92.8538, 0.2985, 0.3310)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.8538, 0.2985, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	E3FCFA
RGB	227, 252, 250
RGB Percent	89%, 99%, 98%
CMY	0.1099, 0.0117, 0.0197
CMYK	0.10, 0.00, 0.01, 0.01
HSL	175°, 81%, 94%
HSV	175°, 10%, 99%
XYZ	83.7367, 92.8538, 103.9345
YIQ	244.2970, -14.2580, -5.9220

Conversions

Conversions Part 2

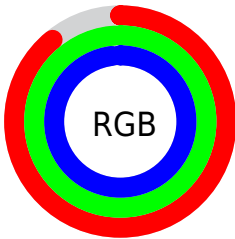
Format	Color
R_{YB}	227, 240, 252
Decimal	14941434
CIE _{Lab}	97.17, -8.47, -1.81
CIE _{LCh}	97, 8.660, 192.033
Yxy	92.8538, 0.2985, 0.3310
Android (android.graphics.Color)	4293131514 (0xFFE3FCFA)
YUV	244.2970, 2.8116, -15.1695
Hunter-Lab	96.3607, -13.5160, 3.5023

Details

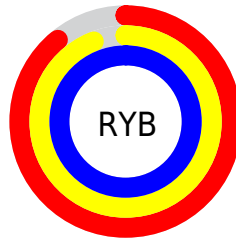
The Yxy color **92.8538, 0.2985, 0.3310** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.2836, 0.3289, 0.3270**, and the grayscale version is **90.7018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.5832, 0.2948, 0.3302** is the 20% darker color. If you saturate the color by 10%, you get **88.9281, 0.2849, 0.3332**, and if you desaturate by 10%, it is **97.3884, 0.3128, 0.3290**.

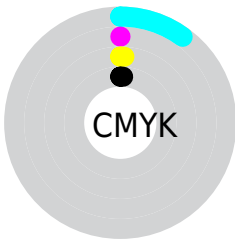
Distribution



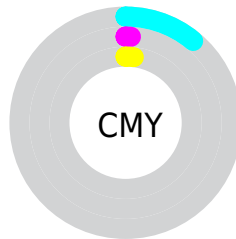
- Red (89%)
- Green (99%)
- Blue (98%)



- Red (89%)
- Yellow (94%)
- Blue (99%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)





- Cyan (11%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.8538, 0.2985, 0.3310 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 92.8538, 0.2985, 0.3310 by changing the saturation by 10% instead.


 92.8538, 0.2985,
0.3310

 92.8538, 0.2985,
0.3310


537.2711, 0.3048,
0.3302

 70.3500, 0.2971,
0.3312

151.2962, 0.3006,
0.3307

 51.8119, 0.2955,
0.3314


188.0036, 0.3015,
0.3306

 36.8552, 0.2934,
0.3317


230.2142, 0.3022,
0.3305

 25.0954, 0.2908,
0.3320

278.3126, 0.3028,
0.3304

 16.1481, 0.2874,
0.3324

332.6831, 0.3034,
0.3303

 9.6290, 0.2827,
0.3330

393.7101, 0.3039,

 5.1537, 0.2758,

0.3303

0.3337

461.7779, 0.3044,
0.3302

■ 2.3377, 0.2650,
0.3348

■ 0.7936, 0.2348,
0.3404

■ 92.8538, 0.2985,
0.3310

■ 92.8538, 0.2985,
0.3310

■ 88.9281, 0.2849,
0.3332

■ 97.3884, 0.3128,
0.3290

■ 85.5737, 0.2724,
0.3356

■ 98.0494, 0.3134,
0.3270

■ 82.7666, 0.2613,
0.3381

■ 98.1090, 0.3128,
0.3262

■ 80.4766, 0.2517,
0.3408

■ 78.6707, 0.2439,
0.3435

■ 77.3120, 0.2381,
0.3463

■ 76.3581, 0.2343,
0.3491

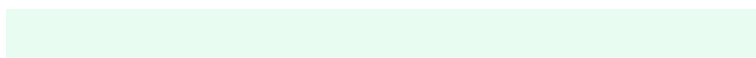
■ 75.7588, 0.2323,
0.3518

■ 75.4318, 0.2318,
0.3546

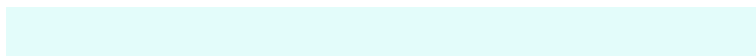
Harmonies

Analogous

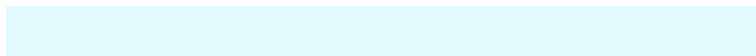
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8538, 0.3064, 0.3392



92.8538, 0.2985, 0.3310



92.8538, 0.2944, 0.3224

Triad

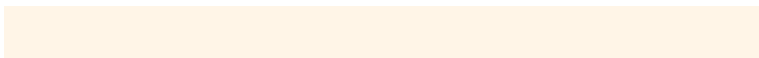
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.8538, 0.2985, 0.3310



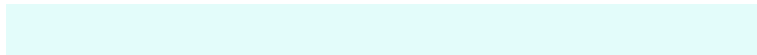
92.8538, 0.3092, 0.3140



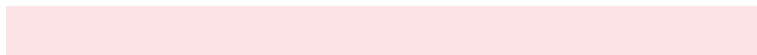
92.8538, 0.3306, 0.3421

Complementary

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



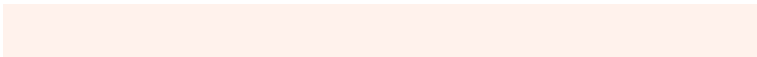
92.8538, 0.2985, 0.3310



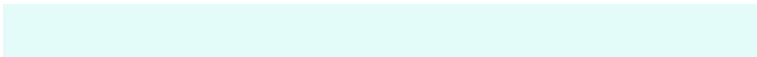
81.2836, 0.3289, 0.3270

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.



92.8538, 0.3314, 0.3352



92.8538, 0.2985, 0.3310



92.8538, 0.3189, 0.3191

Square

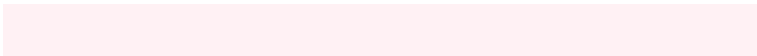
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.8538, 0.2985, 0.3310



92.8538, 0.3005, 0.3127



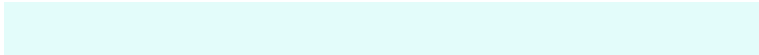
92.8538, 0.3271, 0.3268



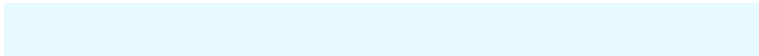
92.8538, 0.3249, 0.3457

Rectangle

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



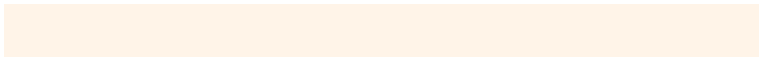
92.8538, 0.2985, 0.3310



92.8538, 0.2944, 0.3176



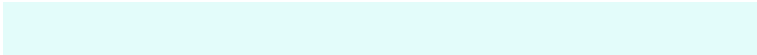
92.8538, 0.3271, 0.3268



92.8538, 0.3314, 0.3401

Sweetspot

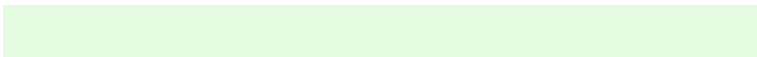
The Sweet Spot groups the original color and five complimentary colors.



92.8577, 0.2985, 0.3310



98.5379, 0.3084, 0.3296



91.8430, 0.3128, 0.3546



21.0096, 0.3072, 0.3297



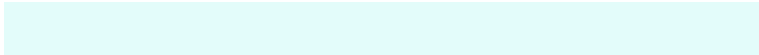
0.0000, 0.0000, 0.0000



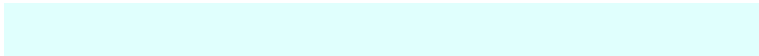
21.4041, 0.3127, 0.3290

Same Dimension

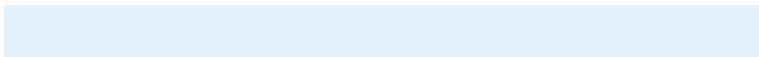
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.8577, 0.2985, 0.3310



94.4923, 0.2956, 0.3314



86.6132, 0.2973, 0.3184



19.5829, 0.2991, 0.3309



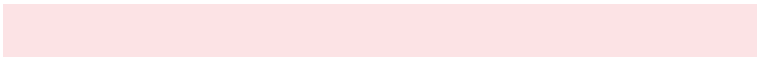
39.2982, 0.2317, 0.3541



3.6467, 0.2308, 0.3508

Inverse Universe

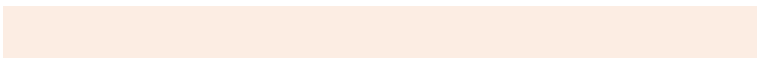
The Inverse Universe completely reimagines the original color for something new.



81.2836, 0.3289, 0.3270



80.3262, 0.3328, 0.3266



87.0495, 0.3291, 0.3394



17.2481, 0.3281, 0.3271



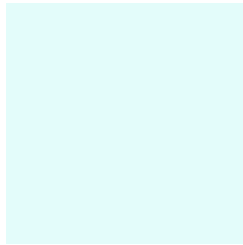
10.8159, 0.6314, 0.3252



1.0093, 0.6124, 0.3147

Previews

White Background



This preview shows how the Yxy color 92.8538, 0.2985, 0.3310 looks on a white background.

Color Contrast Check

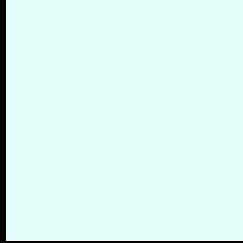
Large Text (above 18pt) WCAG AA × Fail

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 92.8538, 0.2985, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

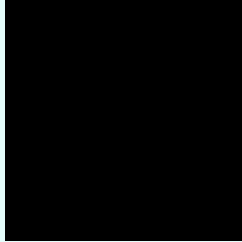
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

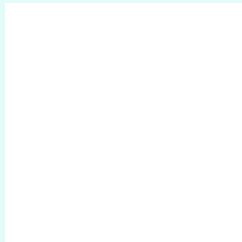
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.8538, 0.2985, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 92.8538, 0.2985, 0.3310.

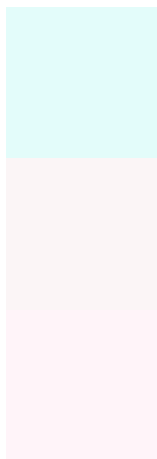


This preview shows how white text looks on a background with the Yxy color 92.8538, 0.2985, 0.3310.

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

92.8538, 0.2985, 0.3310

Protanopia

92.4679, 0.3160, 0.3280

Deuteranopia

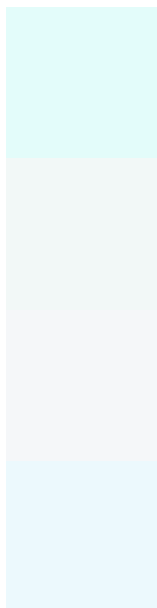
92.8009, 0.3168, 0.3242



Tritanopia

92.4423, 0.3043, 0.3211

Trichromacy



Original Color

92.8538, 0.2985, 0.3310

Protanomaly

92.7274, 0.3095, 0.3300

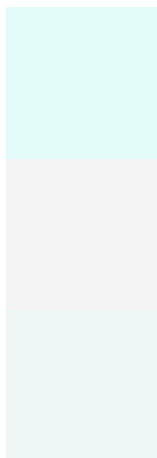
Deuteranomaly

92.7736, 0.3103, 0.3270

Tritanomaly

92.6761, 0.3023, 0.3250

Monochromacy



Original Color

92.8538, 0.2985, 0.3310

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 92.8538, 0.2985, 0.3310 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, 252, 250)` looks like.

```
.text, #text, p{  
    color:rgb(227, 252, 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, 252, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 252, 250) }
```

Border

The CSS property to change the border of an element to Yxy 92.8538, 0.2985, 0.3310 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, 252, 250) }
```

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

```
.border{ border-color:rgb(227, 252, 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, 252, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 252, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 252, 250);  
box-shadow:4px 4px 4px 4px rgb(227, 252,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8538, 0.2985, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 252, 250) }
```

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

```
.background{ background-color: rgb(227,  
252, 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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