

Converting Colors

$Y_{xy}(95.6927, 0.2932, 0.3394)$

Have a look what the booklet for
Yxy(95.6927, 0.2932, 0.3394)
contains.

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Color

Yxy(93.1113, 0.2932, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	D9FFF9
RGB	217, 255, 249
RGB Percent	85%, 100%, 98%
CMY	0.1491, 0.0000, 0.0236
CMYK	0.15, 0.00, 0.02, 0.00
HSL	170°, 100%, 93%
HSV	170°, 15%, 100%
XYZ	81.4689, 93.1113, 103.2810
YIQ	242.9540, -20.7220, -9.9220

Conversions

Conversions Part 2

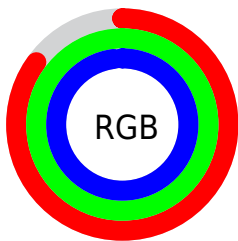
Format	Color
R_{YB}	217, 238, 255
Decimal	14286841
CIE _{Lab}	97.27, -13.29, -1.21
CIE _{LCh}	97, 13.343, 185.210
Yxy	93.1113, 0.2932, 0.3351
Android (android.graphics.Color)	4292476921 (0xFFD9FFF9)
YUV	242.9540, 2.9807, -22.7617
Hunter-Lab	96.4942, -18.1594, 4.0858

Details

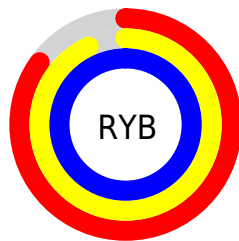
The Yxy color **93.1113, 0.2932, 0.3351** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.2102, 0.3364, 0.3230**, and the grayscale version is **89.5727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.9198, 0.2890, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **89.2490, 0.2810, 0.3397**, and if you desaturate by 10%, it is **97.5775, 0.3062, 0.3309**.

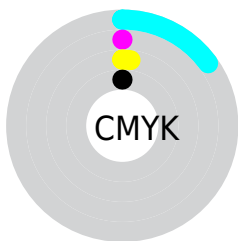
Distribution



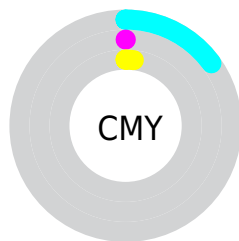
- Red (85%)
- Green (100%)
- Blue (98%)



- Red (85%)
- Yellow (93%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.1113, 0.2932, 0.3351 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 93.1113, 0.2932, 0.3351 by changing the saturation by 10% instead.

 93.1113, 0.2932,
0.3351

 93.1113, 0.2932,
0.3351

538.1007, 0.3018,
0.3324

 70.5640, 0.2913,
0.3357


151.6527, 0.2961,
0.3342

 51.9865, 0.2890,
0.3364


188.4156, 0.2973,
0.3338

 36.9943, 0.2862,
0.3372

230.6858, 0.2983,
0.3335

 25.2031, 0.2826,
0.3383

278.8478, 0.2992,
0.3333

 16.2284, 0.2779,
0.3397

333.2858, 0.2999,
0.3330

 9.6859, 0.2715,
0.3416

394.3844, 0.3006,

 5.1912, 0.2622,

0.3328

0.3443

462.5279, 0.3013,
0.3326

■ 2.3599, 0.2475,
0.3485

■ 0.8051, 0.1997,
0.3647

■ 93.1113, 0.2932,
0.3351

■ 93.1113, 0.2932,
0.3351

■ 89.2490, 0.2810,
0.3397

■ 97.5775, 0.3062,
0.3309

■ 85.9708, 0.2699,
0.3446

100.0000, 0.3127,
0.3290

■ 83.2443, 0.2602,
0.3498

■ 81.0369, 0.2521,
0.3553

■ 79.3128, 0.2459,
0.3609

■ 78.0314, 0.2416,
0.3666

■ 77.1456, 0.2393,
0.3723

■ 76.5972, 0.2389,
0.3780

■ 76.4054, 0.2391,
0.3809

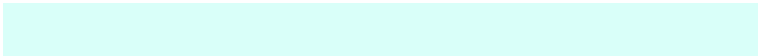
Harmonies

Analogous

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



93.1113, 0.3061, 0.3473



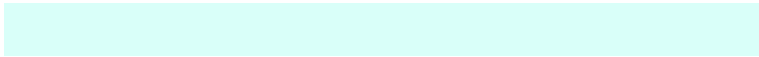
93.1113, 0.2932, 0.3351



93.1113, 0.2855, 0.3215

Triad

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



93.1113, 0.2932, 0.3351



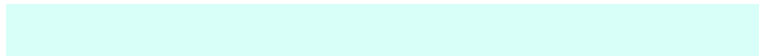
93.1113, 0.3039, 0.3051



93.1113, 0.3413, 0.3470

Complementary

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



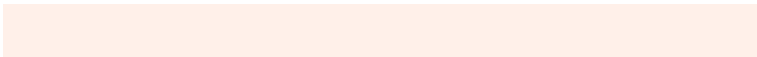
93.1113, 0.2932, 0.3351



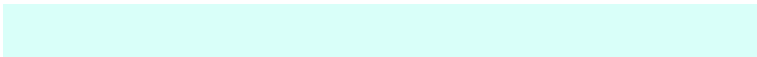
76.2102, 0.3364, 0.3230

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.



93.1113, 0.3407, 0.3355



93.1113, 0.2932, 0.3351



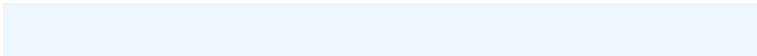
93.1113, 0.3189, 0.3117

Square

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



93.1113, 0.2932, 0.3351



93.1113, 0.2916, 0.3045



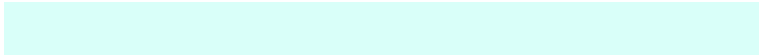
93.1113, 0.3324, 0.3227



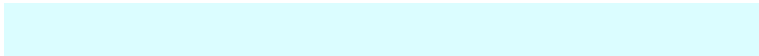
93.1113, 0.3340, 0.3540

Rectangle

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



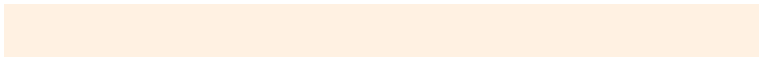
93.1113, 0.2932, 0.3351



93.1113, 0.2843, 0.3136



93.1113, 0.3324, 0.3227



93.1113, 0.3420, 0.3435

Sweetspot

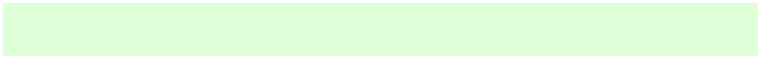
The Sweet Spot groups the original color and five complimentary colors.



93.1087, 0.2932, 0.3351



98.0129, 0.3074, 0.3306



92.2693, 0.3148, 0.3685



20.9012, 0.3064, 0.3308



0.0000, 0.0000, 0.0000



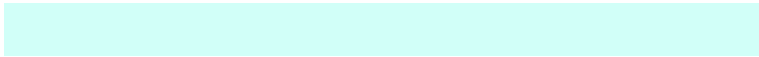
21.4041, 0.3127, 0.3290

Same Dimension

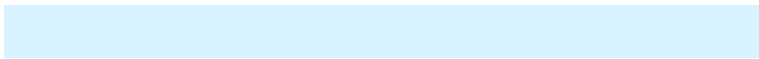
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.1087, 0.2932, 0.3351



91.8503, 0.2893, 0.3365



85.6718, 0.2895, 0.3159



20.4291, 0.3001, 0.3328



39.9420, 0.2389, 0.3799



3.9017, 0.2371, 0.3734

Inverse Universe

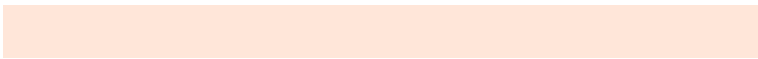
The Inverse Universe completely reimagines the original color for something new.



76.2102, 0.3364, 0.3230



71.8872, 0.3424, 0.3217



82.6747, 0.3388, 0.3417



18.0340, 0.3269, 0.3253



11.2041, 0.6180, 0.3178



1.1038, 0.5905, 0.3027

Previews

White Background



This preview shows how the Yxy color 93.1113, 0.2932, 0.3351 looks on a white background.

Color Contrast Check

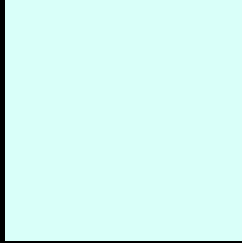
Large Text (above 18pt) WCAG AA × Fail

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 93.1113, 0.2932, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

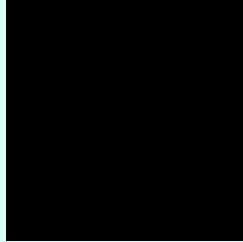
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.1113, 0.2932, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 93.1113, 0.2932, 0.3351.

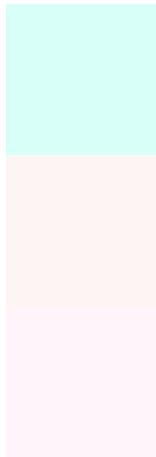


This preview shows how white text looks on a background with the Yxy color 93.1113, 0.2932, 0.3351.

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

93.1113, 0.2932, 0.3351

Protanopia

92.5319, 0.3178, 0.3300

Deuteranopia

92.8009, 0.3168, 0.3242



Tritanopia

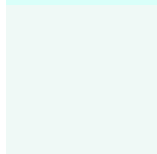
92.7055, 0.3030, 0.3221

Trichromacy



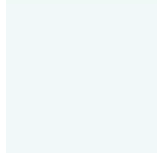
Original Color

93.1113, 0.2932, 0.3351



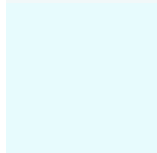
Protanomaly

92.7559, 0.3082, 0.3320



Deuteranomaly

92.6751, 0.3077, 0.3280



Tritanomaly

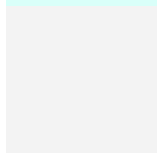
93.0751, 0.2992, 0.3270

Monochromacy



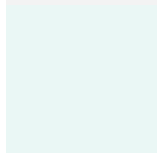
Original Color

93.1113, 0.2932, 0.3351



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.6065, 0.3057, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.1113, 0.2932, 0.3351 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(217, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 249)  
}
```

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(217, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 249) }
```

Border

The CSS property to change the border of an element to Yxy 93.1113, 0.2932, 0.3351 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(217, 255, 249) }
```

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

```
.border{ border-color:rgb(217, 255, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 93.1113, 0.2932, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 249) }
```

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

```
.background{ background-color: rgb(217,  
255, 249) }
```

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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