

Converting Colors

$Y_{xy}(92.8297, 0.2991, 0.3431)$

Have a look what the booklet for
Yxy(92.8297, 0.2991, 0.3431)
contains.

Yxy(93.0865, 0.2993, 0.3433)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(93.0865, 0.2993, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	DCFFF1
RGB	220, 255, 241
RGB Percent	86%, 100%, 95%
CMY	0.1372, 0.0000, 0.0549
CMYK	0.14, 0.00, 0.05, 0.00
HSL	156°, 100%, 93%
HSV	156°, 14%, 100%
XYZ	81.1558, 93.0865, 96.9097
YIQ	242.9390, -16.3660, -11.7740

Conversions

Conversions Part 2

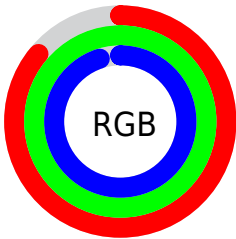
Format	Color
R _Y B	220, 242, 255
Decimal	14483441
CIE Lab	97.26, -13.85, 2.90
CIE LCh	97, 14.153, 168.185
Yxy	93.0865, 0.2993, 0.3433
Android (android.graphics.Color)	4292673521 (0xFFDCFFF1)
YUV	242.9390, -0.9559, -20.1175
Hunter-Lab	96.4813, -18.6961, 7.9837

Details

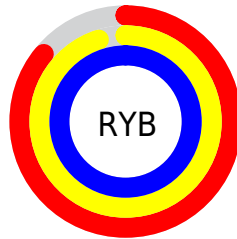
The Yxy color **93.0865, 0.2993, 0.3433** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.3966, 0.3284, 0.3151**, and the grayscale version is **89.5979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.8903, 0.2966, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **88.8160, 0.2900, 0.3551**, and if you desaturate by 10%, it is **98.0036, 0.3090, 0.3327**.

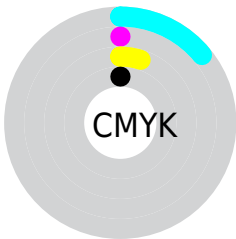
Distribution



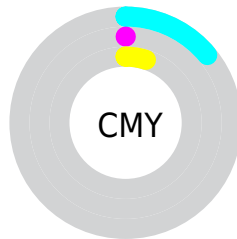
- Red (86%)
- Green (100%)
- Blue (95%)



- Red (86%)
- Yellow (95%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)




- Cyan (14%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.0865, 0.2993, 0.3433 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 93.0865, 0.2993, 0.3433 by changing the saturation by 10% instead.

 93.0865, 0.2993,
0.3433

 93.0865, 0.2993,
0.3433


538.0208, 0.3053,
0.3369

 70.5434, 0.2980,
0.3447


151.6184, 0.3013,
0.3411

 51.9697, 0.2964,
0.3464


188.3759, 0.3021,
0.3403

 36.9809, 0.2944,
0.3486


230.6404, 0.3028,
0.3395

 25.1927, 0.2919,
0.3513

278.7962, 0.3034,
0.3389

 16.2207, 0.2885,
0.3550

333.2278, 0.3040,
0.3383

 9.6804, 0.2839,
0.3600

394.3195, 0.3045,

 5.1876, 0.2771,

0.3378

0.3675

462.4557, 0.3049,
0.3373

■ 2.3578, 0.2662,
0.3798

■ 0.8040, 0.2239,
0.4225

■ 93.0865, 0.2993,
0.3433

■ 93.0865, 0.2993,
0.3433

■ 88.8160, 0.2900,
0.3551

■ 98.0036, 0.3090,
0.3327

■ 85.1559, 0.2814,
0.3680

100.0000, 0.3127,
0.3290

■ 82.0787, 0.2739,
0.3819

■ 79.5518, 0.2677,
0.3967

■ 77.5392, 0.2632,
0.4122

■ 76.0004, 0.2607,
0.4280

■ 74.8886, 0.2602,
0.4437

■ 74.1467, 0.2618,
0.4592

■ 73.8189, 0.2635,
0.4687

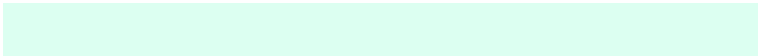
Harmonies

Analogous

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



93.0865, 0.3147, 0.3535



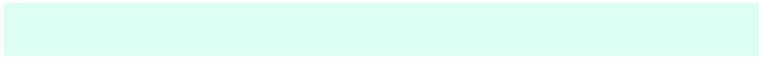
93.0865, 0.2993, 0.3433



93.0865, 0.2877, 0.3291

Triad

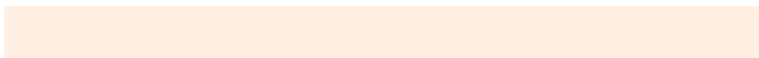
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.0865, 0.2993, 0.3433



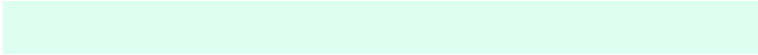
93.0865, 0.2954, 0.3025



93.0865, 0.3438, 0.3415

Complementary

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



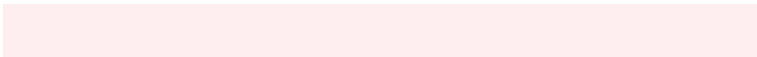
93.0865, 0.2993, 0.3433



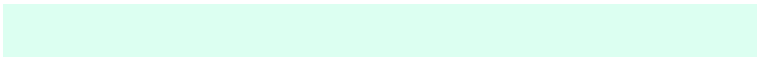
78.3966, 0.3284, 0.3151

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.



93.0865, 0.3383, 0.3281



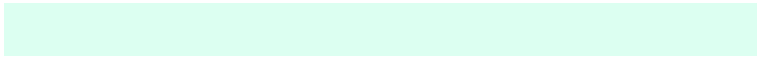
93.0865, 0.2993, 0.3433



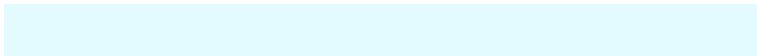
93.0865, 0.3101, 0.3060

Square

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



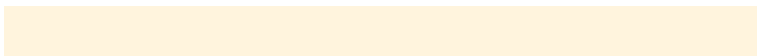
93.0865, 0.2993, 0.3433



93.0865, 0.2854, 0.3057



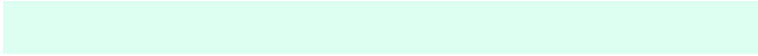
93.0865, 0.3259, 0.3153



93.0865, 0.3406, 0.3520

Rectangle

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



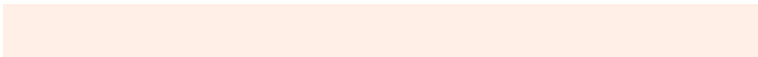
93.0865, 0.2993, 0.3433



93.0865, 0.2835, 0.3196



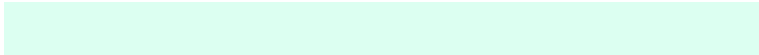
93.0865, 0.3259, 0.3153



93.0865, 0.3429, 0.3372

Sweetspot

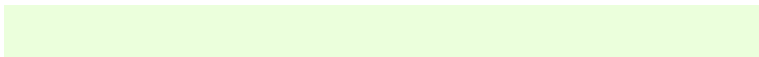
The Sweet Spot groups the original color and five complimentary colors.



93.0893, 0.2993, 0.3433



97.8564, 0.3088, 0.3329



94.2812, 0.3202, 0.3645



20.8616, 0.3080, 0.3337



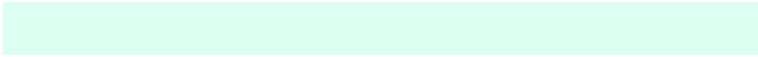
0.0000, 0.0000, 0.0000



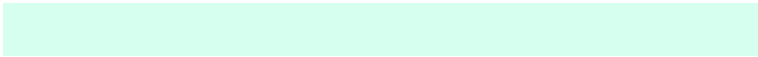
21.4041, 0.3127, 0.3290

Same Dimension

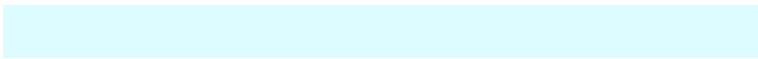
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.0893, 0.2993, 0.3433



92.0591, 0.2971, 0.3459



92.1123, 0.2916, 0.3260



20.3512, 0.3034, 0.3387



38.6023, 0.2628, 0.4662



3.7802, 0.2580, 0.4488

Inverse Universe

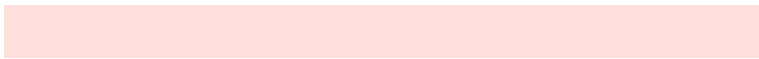
The Inverse Universe completely reimagines the original color for something new.



78.3966, 0.3284, 0.3151



75.1971, 0.3314, 0.3127



79.1673, 0.3377, 0.3320



18.1075, 0.3231, 0.3195



11.6379, 0.5384, 0.2739



1.1540, 0.5082, 0.2573

Previews

White Background



This preview shows how the Yxy color 93.0865, 0.2993, 0.3433 looks on a white background.

Color Contrast Check

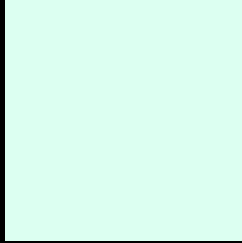
Large Text (above 18pt) WCAG AA × Fail

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 93.0865, 0.2993, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

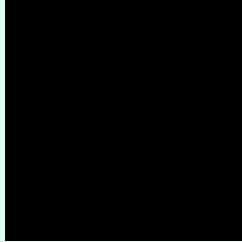
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

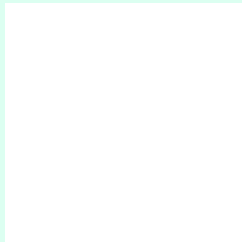
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.0865, 0.2993, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 93.0865, 0.2993, 0.3433.

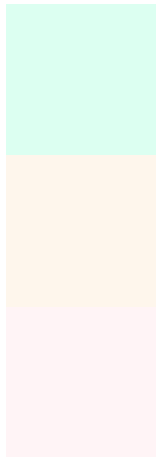


This preview shows how white text looks on a background with the Yxy color 93.0865, 0.2993, 0.3433.

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

93.0865, 0.2993, 0.3433

Protanopia

93.0385, 0.3240, 0.3388

Deuteranopia

92.6152, 0.3186, 0.3271

Tritanopia

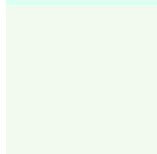
92.8801, 0.3036, 0.3221

Trichromacy



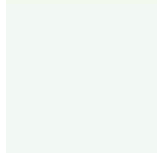
Original Color

93.0865, 0.2993, 0.3433



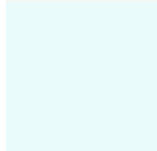
Protanomaly

92.8017, 0.3147, 0.3399



Deuteranomaly

92.5437, 0.3113, 0.3330



Tritanomaly

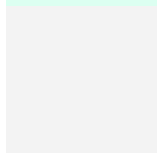
93.2201, 0.3021, 0.3300

Monochromacy



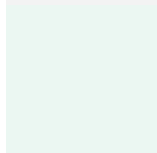
Original Color

93.0865, 0.2993, 0.3433



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.5945, 0.3080, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0865, 0.2993, 0.3433 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(220, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 241)  
}
```

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(220, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 241) }
```

Border

The CSS property to change the border of an element to Yxy 93.0865, 0.2993, 0.3433 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(220, 255, 241) }
```

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

```
.border{ border-color:rgb(220, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(220, 255,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0865, 0.2993, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 241) }
```

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

```
.background{ background-color: rgb(220,  
255, 241) }
```

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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