

Converting Colors

$Yxy(93.3213, 0.2911, 0.3312)$

Have a look what the booklet for
Yxy(93.3213, 0.2911, 0.3312)
contains.

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Color

Yxy(93.3636, 0.2911, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	D9FFFD
RGB	217, 255, 253
RGB Percent	85%, 100%, 99%
CMY	0.1489, 0.0000, 0.0080
CMYK	0.15, 0.00, 0.01, 0.00
HSL	177°, 100%, 93%
HSV	177°, 15%, 100%
XYZ	82.1092, 93.3636, 106.5925
YIQ	243.4100, -22.0060, -8.6780

Conversions

Conversions Part 2

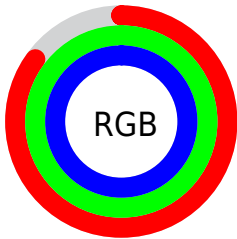
Format	Color
R _{YB}	217, 237, 255
Decimal	14286845
CIE _{Lab}	97.37, -12.49, -3.11
CIE _{LCh}	97, 12.869, 194.001
Y _{xy}	93.3636, 0.2911, 0.3310
Android (android.graphics.Color)	4292476925 (0xFFD9FFFD)
Y _{UV}	243.4100, 4.7279, -23.1616
Hunter-Lab	96.6248, -17.4090, 2.2312

Details

The Yxy color **93.3636, 0.2911, 0.3310** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.0257, 0.3392, 0.3270**, and the grayscale version is **89.9525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.0551, 0.2870, 0.3315** is the 20% darker color. If you saturate the color by 10%, you get **89.6694, 0.2777, 0.3325**, and if you desaturate by 10%, it is **97.6700, 0.3055, 0.3296**.

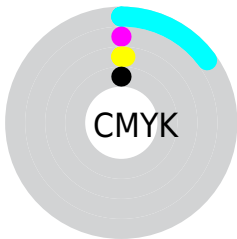
Distribution



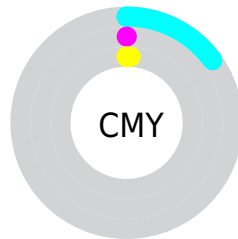
- Red (85%)
- Green (100%)
- Blue (99%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.3636, 0.2911, 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 93.3636, 0.2911, 0.3310 by changing the saturation by 10% instead.


 93.3636, 0.2911,
0.3310

 93.3636, 0.2911,
0.3310


538.9128, 0.3006,
0.3302

 70.7738, 0.2890,
0.3312

152.0019, 0.2943,
0.3307

 52.1576, 0.2865,
0.3314


188.8192, 0.2956,
0.3306

 37.1307, 0.2834,
0.3316


231.1477, 0.2967,
0.3305

 25.3087, 0.2795,
0.3318

279.3718, 0.2977,
0.3305

 16.3072, 0.2744,
0.3322

333.8760, 0.2985,
0.3304

 9.7418, 0.2674,
0.3325


395.0447, 0.2993,


 5.2281, 0.2572,


0.3303


463.2621, 0.3000,
0.3302


0.3330


 2.3817, 0.2413,
0.3334

 0.8165, 0.1962,
0.3400

 93.3636, 0.2911,
0.3310


 93.3636, 0.2911,
0.3310


 89.6694, 0.2777,
0.3325

 97.6700, 0.3055,
0.3296

 86.5480, 0.2655,
0.3341

99.9996, 0.3127,
0.3290

 83.9737, 0.2549,
0.3358

 81.9139, 0.2460,
0.3375

■ 80.3327, 0.2390,
0.3393

■ 79.1897, 0.2340,
0.3411

■ 78.4377, 0.2309,
0.3429

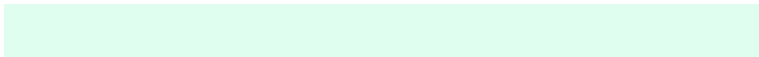
■ 78.0188, 0.2296,
0.3447

■ 77.8910, 0.2293,
0.3456

Harmonies

Analogous

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



93.3636, 0.3024, 0.3436



93.3636, 0.2911, 0.3310



93.3636, 0.2856, 0.3182

Triad

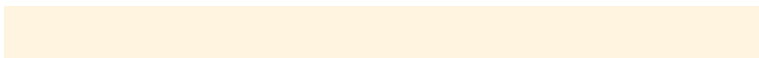
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.3636, 0.2911, 0.3310



93.3636, 0.3084, 0.3073



93.3636, 0.3389, 0.3489

Complementary

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



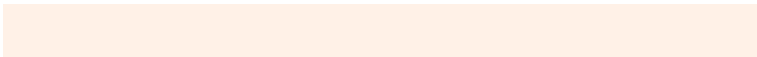
93.3636, 0.2911, 0.3310



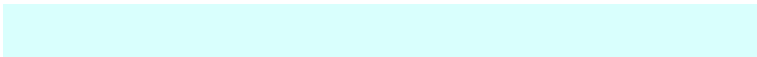
76.0257, 0.3392, 0.3270

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.



93.3636, 0.3407, 0.3388



93.3636, 0.2911, 0.3310



93.3636, 0.3228, 0.3151

Square

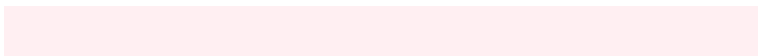
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



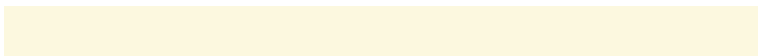
93.3636, 0.2911, 0.3310



93.3636, 0.2954, 0.3049



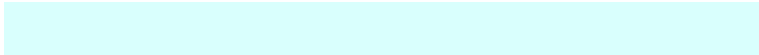
93.3636, 0.3347, 0.3265



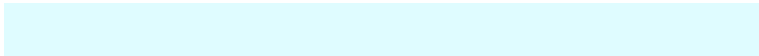
93.3636, 0.3300, 0.3539

Rectangle

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



93.3636, 0.2911, 0.3310



93.3636, 0.2858, 0.3114



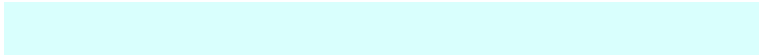
93.3636, 0.3347, 0.3265



93.3636, 0.3403, 0.3460

Sweetspot

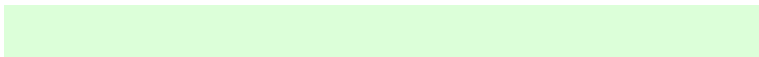
The Sweet Spot groups the original color and five complimentary colors.



93.3675, 0.2911, 0.3310



98.0814, 0.3068, 0.3295



91.6806, 0.3124, 0.3687



20.9187, 0.3056, 0.3296



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

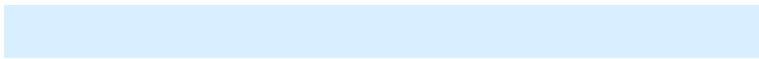
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.3675, 0.2911, 0.3310



92.1526, 0.2868, 0.3315



83.4487, 0.2894, 0.3120



20.4637, 0.2987, 0.3302



40.7073, 0.2293, 0.3453



3.9685, 0.2287, 0.3433

Inverse Universe

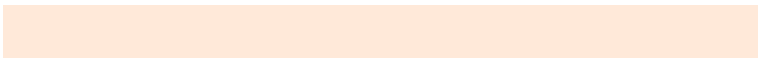
The Inverse Universe completely reimagines the original color for something new.



76.0257, 0.3392, 0.3270



71.6412, 0.3460, 0.3266



84.8276, 0.3382, 0.3455



18.0028, 0.3286, 0.3278



11.1313, 0.6347, 0.3270



1.0891, 0.6221, 0.3201

Previews

White Background



This preview shows how the Yxy color 93.3636, 0.2911, 0.3310 looks on a white background.

Color Contrast Check

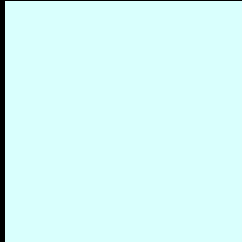
Large Text (above 18pt) WCAG AA × Fail

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 93.3636, 0.2911, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

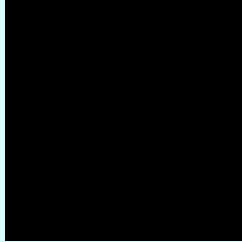
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.3636, 0.2911, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 93.3636, 0.2911, 0.3310.



This preview shows how white text looks on a background with the Yxy color 93.3636, 0.2911, 0.3310.

Color Blindness Simulation

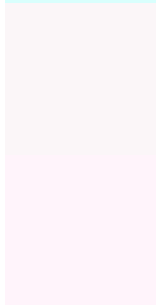
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

93.3636, 0.2911, 0.3310



Protanopia

93.1981, 0.3147, 0.3271

Deuteranopia

92.9264, 0.3156, 0.3223



Tritanopia

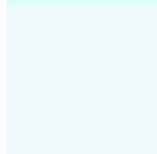
93.3221, 0.3030, 0.3231

Trichromacy



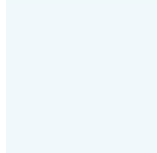
Original Color

93.3636, 0.2911, 0.3310



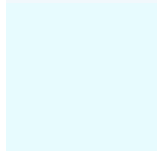
Protanomaly

93.0042, 0.3059, 0.3280



Deuteranomaly

92.8639, 0.3060, 0.3251



Tritanomaly

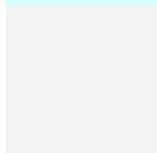
93.1390, 0.2987, 0.3260

Monochromacy



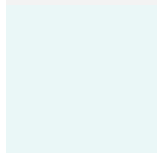
Original Color

93.3636, 0.2911, 0.3310



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.7294, 0.3045, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.3636, 0.2911, 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(217, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 253) }
```

Border

The CSS property to change the border of an element to Yxy 93.3636, 0.2911, 0.3310 is called "border". The border property can be set on classes, ids or directly on the HTML element.

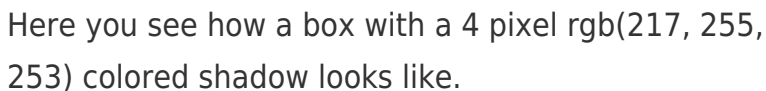
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 255, 253) }
```

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

```
.border{ border-color:rgb(217, 255, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 255, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 255, 253); box-shadow:4px 4px 4px 4px rgb(217, 255, 253) }
```


Background

The CSS property to change the background color of an element to Yxy 93.3636, 0.2911, 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(217, 255, 253) }
```

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

```
.background{ background-color: rgb(217,  
255, 253) }
```

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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