

Converting Colors

$Yxy(91.6811, 0.2908, 0.3394)$

Have a look what the booklet for
Yxy(91.6811, 0.2908, 0.3394)
contains.

Yxy(91.6679, 0.2907, 0.3393)	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(91.6679, 0.2907, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	D1FFF5
RGB	209, 255, 245
RGB Percent	82%, 100%, 96%
CMY	0.1804, 0.0000, 0.0391
CMYK	0.18, 0.00, 0.04, 0.00
HSL	167°, 100%, 91%
HSV	167°, 18%, 100%
XYZ	78.5377, 91.6679, 99.9620
YIQ	240.1060, -24.2060, -12.8620

Conversions

Conversions Part 2

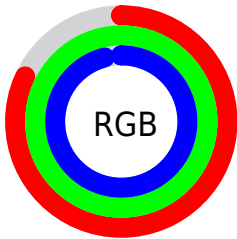
Format	Color
R _Y B	209, 235, 255
Decimal	13762549
CIE Lab	96.68, -16.52, -0.10
CIE LCh	97, 16.517, 180.340
Yxy	91.6679, 0.2907, 0.3393
Android (android.graphics.Color)	4291952629 (0xFFD1FFF5)
YUV	240.1060, 2.4127, -27.2800
Hunter-Lab	95.7434, -21.1283, 5.1179

Details

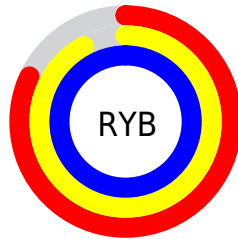
The Yxy color **91.6679, 0.2907, 0.3393** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.9713, 0.3405, 0.3190**, and the grayscale version is **87.2205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9323, 0.2859, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **87.9098, 0.2795, 0.3458**, and if you desaturate by 10%, it is **96.0334, 0.3027, 0.3334**.

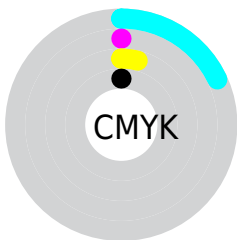
Distribution



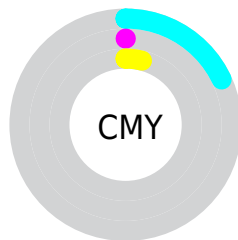
- Red (82%)
- Green (100%)
- Blue (96%)



- Red (82%)
- Yellow (92%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)




- Cyan (18%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.6679, 0.2907, 0.3393 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 91.6679, 0.2907, 0.3393 by changing the saturation by 10% instead.


 91.6679, 0.2907,
0.3393

 91.6679, 0.2907,
0.3393


533.4417, 0.3005,
0.3347

 69.3648, 0.2886,
0.3403

149.6530, 0.2940,
0.3378

 51.0089, 0.2860,
0.3415

186.1039, 0.2953,
0.3371

 36.2157, 0.2828,
0.3430


228.0394, 0.2965,
0.3366

 24.6008, 0.2787,
0.3449

275.8441, 0.2975,
0.3362

 15.7799, 0.2733,
0.3474

329.9022, 0.2983,
0.3357

 9.3685, 0.2659,
0.3509

390.5983, 0.2991,

 4.9823, 0.2551,

0.3354

0.3559

458.3166, 0.2998,
0.3350

2.2369, 0.2379,
0.3639

0.7400, 0.1620,
0.3994

91.6679, 0.2907,
0.3393

91.6679, 0.2907,
0.3393

87.9098, 0.2795,
0.3458

96.0334, 0.3027,
0.3334

84.7277, 0.2694,
0.3527

100.0000, 0.3127,
0.3290

82.0919, 0.2607,
0.3601

79.9690, 0.2536,
0.3679

■ 78.3216, 0.2484,
0.3758

■ 77.1074, 0.2452,
0.3839

■ 76.2763, 0.2441,
0.3920

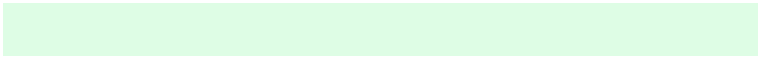
■ 75.7605, 0.2446,
0.3999

■ 75.6775, 0.2449,
0.4015

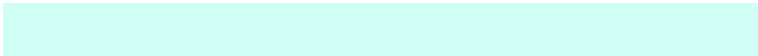
Harmonies

Analogous

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



91.6679, 0.3074, 0.3539



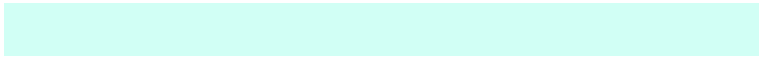
91.6679, 0.2907, 0.3393



91.6679, 0.2800, 0.3221

Triad

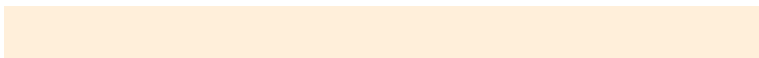
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.6679, 0.2907, 0.3393



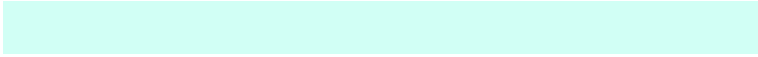
91.6679, 0.2989, 0.2988



91.6679, 0.3489, 0.3491

Complementary

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



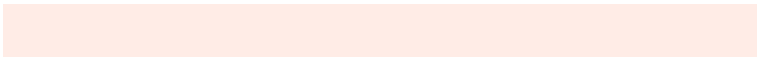
91.6679, 0.2907, 0.3393



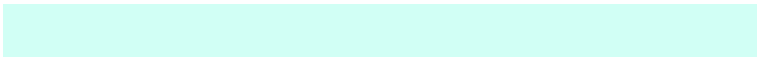
71.9713, 0.3405, 0.3190

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.



91.6679, 0.3466, 0.3343



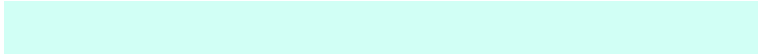
91.6679, 0.2907, 0.3393



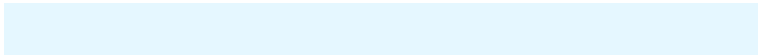
91.6679, 0.3173, 0.3059

Square

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



91.6679, 0.2907, 0.3393



91.6679, 0.2846, 0.2992



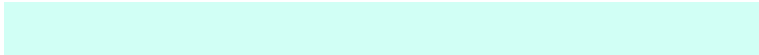
91.6679, 0.3349, 0.3187



91.6679, 0.3412, 0.3592

Rectangle

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



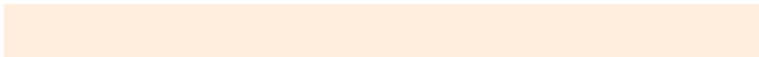
91.6679, 0.2907, 0.3393



91.6679, 0.2775, 0.3118



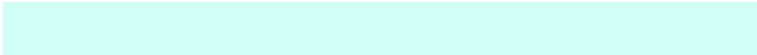
91.6679, 0.3349, 0.3187



91.6679, 0.3493, 0.3445

Sweetspot

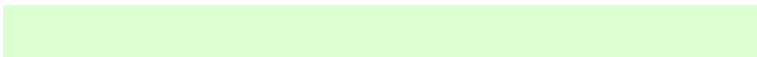
The Sweet Spot groups the original color and five complimentary colors.



91.6690, 0.2907, 0.3393



97.4848, 0.3065, 0.3317



91.2967, 0.3171, 0.3774



20.7929, 0.3056, 0.3321



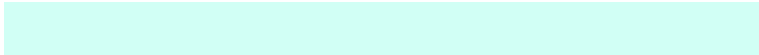
0.0000, 0.0000, 0.0000



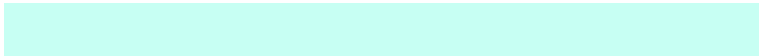
21.4041, 0.3127, 0.3290

Same Dimension

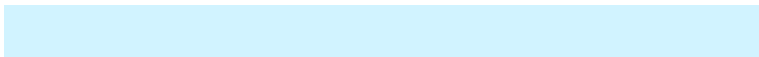
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.6690, 0.2907, 0.3393



90.1099, 0.2862, 0.3418



84.7156, 0.2848, 0.3161



20.4101, 0.3009, 0.3342



39.5662, 0.2445, 0.4002



3.8684, 0.2420, 0.3910

Inverse Universe

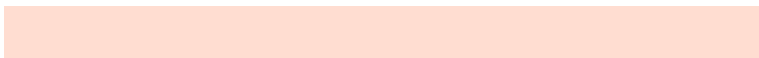
The Inverse Universe completely reimagines the original color for something new.



71.9713, 0.3405, 0.3190



66.7670, 0.3481, 0.3166



77.7152, 0.3457, 0.3415



18.0515, 0.3260, 0.3239



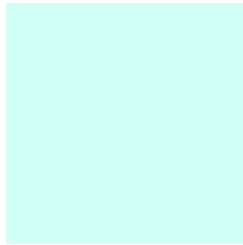
11.2721, 0.6034, 0.3098



1.1128, 0.5730, 0.2930

Previews

White Background



This preview shows how the Yxy color 91.6679, 0.2907, 0.3393 looks on a white background.

Color Contrast Check

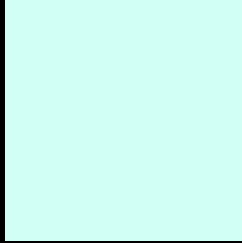
Large Text (above 18pt) WCAG AA × Fail

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 91.6679, 0.2907, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

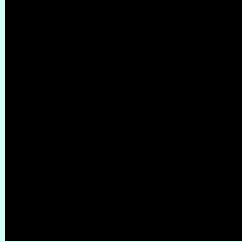
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

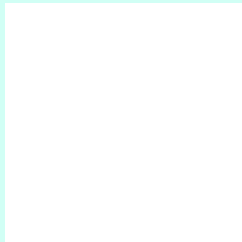
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.6679, 0.2907, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 91.6679, 0.2907, 0.3393.

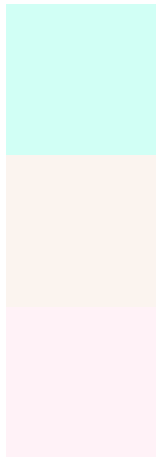


This preview shows how white text looks on a background with the Yxy color 91.6679, 0.2907, 0.3393.

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

91.6679, 0.2907, 0.3393

Protanopia

91.4426, 0.3203, 0.3339

Deuteranopia

91.4797, 0.3182, 0.3242



Tritanopia

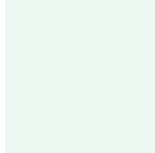
91.2340, 0.2999, 0.3210

Trichromacy



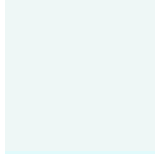
Original Color

91.6679, 0.2907, 0.3393



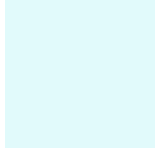
Protanomaly

91.3185, 0.3092, 0.3360



Deuteranomaly

91.3525, 0.3076, 0.3300



Tritanomaly

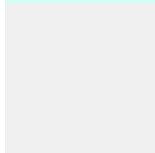
91.3438, 0.2967, 0.3279

Monochromacy



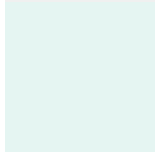
Original Color

91.6679, 0.2907, 0.3393



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.3736, 0.3043, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6679, 0.2907, 0.3393 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(209, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(209, 255, 245)  
}
```

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(209, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 245) }
```

Border

The CSS property to change the border of an element to Yxy 91.6679, 0.2907, 0.3393 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(209, 255, 245) }
```

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

```
.border{ border-color:rgb(209, 255, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 255, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(209, 255,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6679, 0.2907, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 255, 245) }
```

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

```
.background{ background-color: rgb(209,  
255, 245) }
```

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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