

Converting Colors

$Y_{xy}(100.0000, 0.2892, 0.3472)$

Have a look what the booklet for
Yxy(100.0000, 0.2892, 0.3472)
contains.

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Color

Yxy(91.9149, 0.2886, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	D1FFF9
RGB	209, 255, 249
RGB Percent	82%, 100%, 98%
CMY	0.1803, 0.0000, 0.0234
CMYK	0.18, 0.00, 0.02, 0.00
HSL	172°, 100%, 91%
HSV	172°, 18%, 100%
XYZ	79.1604, 91.9149, 103.2157
YIQ	240.5620, -25.4900, -11.6180

Conversions

Conversions Part 2

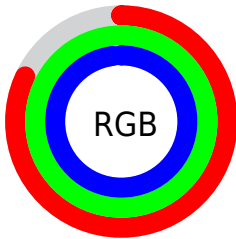
Format	Color
R_{YB}	209, 234, 255
Decimal	13762553
CIE _{Lab}	96.79, -15.72, -2.01
CIE _{LCh}	97, 15.844, 187.289
Y _{xy}	91.9149, 0.2886, 0.3351
Android (android.graphics.Color)	4291952633 (0xFFD1FFF9)
YUV	240.5620, 4.1599, -27.6799
Hunter-Lab	95.8723, -20.3915, 3.2792

Details

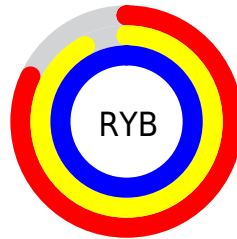
The Yxy color **91.9149, 0.2886, 0.3351** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.7752, 0.3434, 0.3230**, and the grayscale version is **87.5887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.1084, 0.2833, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **88.2869, 0.2764, 0.3389**, and if you desaturate by 10%, it is **96.1494, 0.3017, 0.3316**.

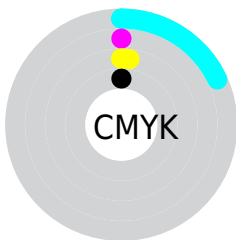
Distribution



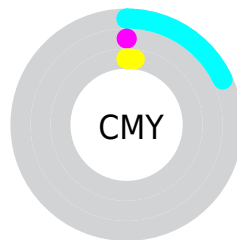
- Red (82%)
- Green (100%)
- Blue (98%)



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



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)




- Cyan (18%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.9149, 0.2886, 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 91.9149, 0.2886, 0.3351 by changing the saturation by 10% instead.

 91.9149, 0.2886,
0.3351

 91.9149, 0.2886,
0.3351

534.2405, 0.2993,
0.3325

 69.5699, 0.2863,
0.3357


149.9954, 0.2922,
0.3342

 51.1760, 0.2835,
0.3363

186.4998, 0.2936,
0.3339

 36.3487, 0.2800,
0.3372


228.4928, 0.2949,
0.3336

 24.7036, 0.2755,
0.3382

276.3588, 0.2960,
0.3333

 15.8564, 0.2697,
0.3396

330.4821, 0.2969,
0.3330

 9.4226, 0.2618,
0.3414

391.2473, 0.2978,

 5.0178, 0.2502,

0.3328

0.3439

459.0386, 0.2986,
0.3326

■ 2.2577, 0.2320,
0.3476

■ 0.7512, 0.1619,
0.3682

■ 91.9149, 0.2886,
0.3351

■ 91.9149, 0.2886,
0.3351

■ 88.2869, 0.2764,
0.3389

■ 96.1494, 0.3017,
0.3316

■ 85.2258, 0.2654,
0.3430

99.9992, 0.3127,
0.3290

■ 82.7047, 0.2559,
0.3473

■ 80.6903, 0.2482,
0.3517

■ 79.1453, 0.2424,
0.3563

■ 78.0274, 0.2385,
0.3609

■ 77.2867, 0.2366,
0.3655

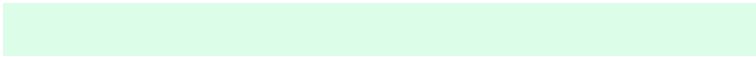
■ 76.8554, 0.2363,
0.3701

■ 76.7880, 0.2364,
0.3710

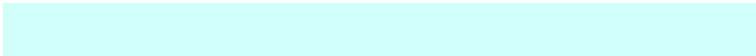
Harmonies

Analogous

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



91.9149, 0.3036, 0.3501



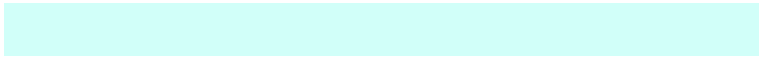
91.9149, 0.2886, 0.3351



91.9149, 0.2801, 0.3188

Triad

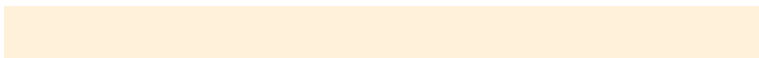
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.9149, 0.2886, 0.3351



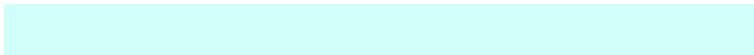
91.9149, 0.3034, 0.3010



91.9149, 0.3465, 0.3511

Complementary

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



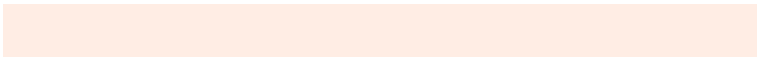
91.9149, 0.2886, 0.3351



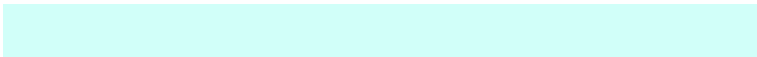
71.7752, 0.3434, 0.3230

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.



91.9149, 0.3465, 0.3376



91.9149, 0.2886, 0.3351



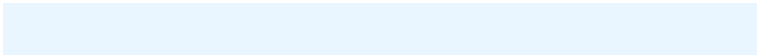
91.9149, 0.3212, 0.3092

Square

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



91.9149, 0.2886, 0.3351



91.9149, 0.2884, 0.2997



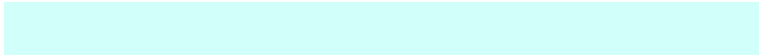
91.9149, 0.3372, 0.3225



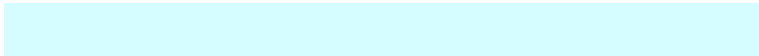
91.9149, 0.3371, 0.3592

Rectangle

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



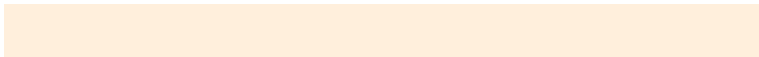
91.9149, 0.2886, 0.3351



91.9149, 0.2790, 0.3096



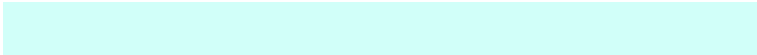
91.9149, 0.3372, 0.3225



91.9149, 0.3476, 0.3470

Sweetspot

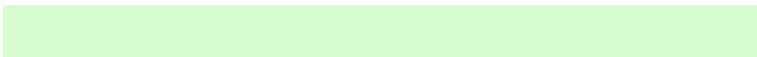
The Sweet Spot groups the original color and five complimentary colors.



91.9187, 0.2886, 0.3351



97.5554, 0.3058, 0.3306



90.5932, 0.3142, 0.3778



20.8101, 0.3049, 0.3308



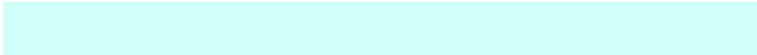
0.0000, 0.0000, 0.0000



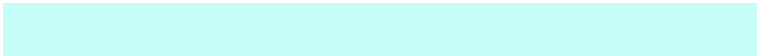
21.4041, 0.3127, 0.3290

Same Dimension

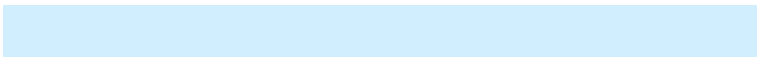
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.9187, 0.2886, 0.3351



90.4083, 0.2836, 0.3366



82.0081, 0.2845, 0.3113



20.4385, 0.2997, 0.3321



40.1397, 0.2362, 0.3702



3.9191, 0.2347, 0.3650

Inverse Universe

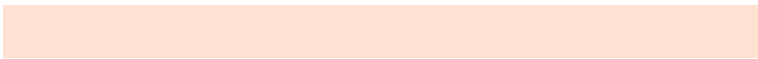
The Inverse Universe completely reimagines the original color for something new.



71.7752, 0.3434, 0.3230



66.5259, 0.3520, 0.3216



80.1904, 0.3449, 0.3461



18.0254, 0.3274, 0.3259



11.1782, 0.6238, 0.3210



1.0998, 0.5987, 0.3072

Previews

White Background



This preview shows how the Yxy color 91.9149, 0.2886, 0.3351 looks on a white background.

Color Contrast Check

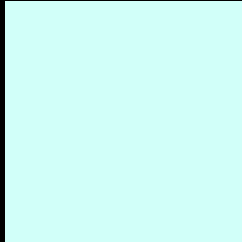
Large Text (above 18pt) WCAG AA × Fail

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 91.9149, 0.2886, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

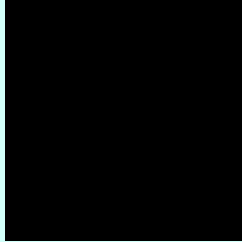
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

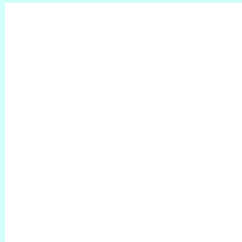
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.9149, 0.2886, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 91.9149, 0.2886, 0.3351.

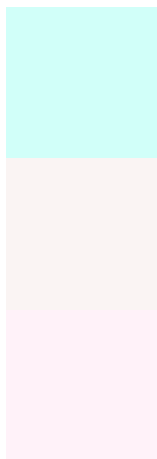


This preview shows how white text looks on a background with the Yxy color 91.9149, 0.2886, 0.3351.

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

91.9149, 0.2886, 0.3351

Protanopia

91.4964, 0.3172, 0.3300

Deuteranopia

91.6038, 0.3169, 0.3223



Tritanopia

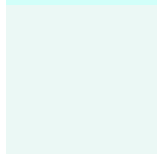
91.8472, 0.2999, 0.3220

Trichromacy



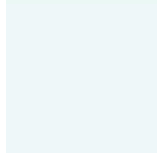
Original Color

91.9149, 0.2886, 0.3351



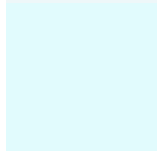
Protanomaly

91.3895, 0.3063, 0.3320



Deuteranomaly

91.5382, 0.3059, 0.3270



Tritanomaly

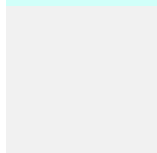
92.0938, 0.2956, 0.3269

Monochromacy



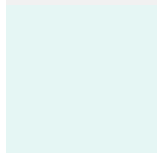
Original Color

91.9149, 0.2886, 0.3351



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.1012, 0.3031, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.9149, 0.2886, 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(209, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 249) }
```

Border

The CSS property to change the border of an element to Yxy 91.9149, 0.2886, 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(209, 255, 249) }
```

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

```
.border{ border-color:rgb(209, 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(209, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(209, 255,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 91.9149, 0.2886, 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(209, 255, 249) }
```

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

```
.background{ background-color: rgb(209,  
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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