

Converting Colors

$Y_{xy}(100.0000, 0.2865, 0.3413)$

Have a look what the booklet for
Yxy(100.0000, 0.2865, 0.3413)
contains.

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Color

Yxy(92.2311, 0.2860, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	D1FFFE
RGB	209, 255, 254
RGB Percent	82%, 100%, 100%
CMY	0.1805, 0.0000, 0.0041
CMYK	0.18, 0.00, 0.00, 0.00
HSL	179°, 100%, 91%
HSV	179°, 18%, 100%
XYZ	79.9336, 92.2311, 107.3235
YIQ	241.1320, -27.0950, -10.0630

Conversions

Conversions Part 2

Format	Color
R_{YB}	209, 232, 255
Decimal	13762558
CIE Lab	96.91, -14.75, -4.36
CIE LCh	97, 15.378, 196.471
Yxy	92.2311, 0.2860, 0.3300
Android (android.graphics.Color)	4291952638 (0xFFD1FFFE)
YUV	241.1320, 6.3439, -28.1798
Hunter-Lab	96.0370, -19.4955, 0.9681

Details

The Yxy color **92.2311, 0.2860, 0.3300** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.5033, 0.3472, 0.3280**, and the grayscale version is **88.0277, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2894, 0.2807, 0.3302** is the 20% darker color. If you saturate the color by 10%, you get **88.7626, 0.2726, 0.3306**, and if you desaturate by 10%, it is **96.2835, 0.3005, 0.3294**.

Distribution



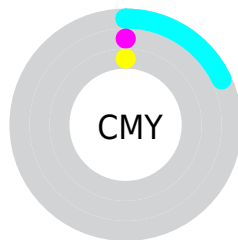
- Red (82%)
- Green (100%)
- Blue (100%)



- Red (82%)
- Yellow (91%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2311, 0.2860, 0.3300 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 92.2311, 0.2860, 0.3300 by changing the saturation by 10% instead.


 92.2311, 0.2860,
0.3300

 92.2311, 0.2860,
0.3300


535.2621, 0.2978,
0.3297

 69.8326, 0.2834,
0.3300


150.4337, 0.2900,
0.3299

 51.3901, 0.2803,
0.3301


187.0065, 0.2916,
0.3299

 36.5191, 0.2765,
0.3301


229.0729, 0.2929,
0.3298

 24.8354, 0.2717,
0.3301

277.0172, 0.2941,
0.3298

 15.9545, 0.2653,
0.3301

331.2239, 0.2952,
0.3298

 9.4919, 0.2567,
0.3300

392.0774, 0.2961,

 5.0634, 0.2442,

0.3297

459.9620, 0.2970,
0.3297

0.3296

2.2845, 0.2247,
0.3286

0.7655, 0.1611,
0.3354

92.2311, 0.2860,
0.3300

92.2311, 0.2860,
0.3300

88.7626, 0.2726,
0.3306


96.2835, 0.3005,
0.3294


85.8668, 0.2606,
0.3313


100.0000, 0.3127,
0.3290


83.5076, 0.2503,
0.3320


81.6516, 0.2418,
0.3327

 80.2614, 0.2352,
0.3334

 79.2948, 0.2306,
0.3341

 78.7019, 0.2279,
0.3349

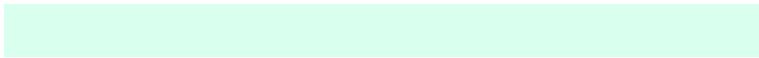
 78.4148, 0.2267,
0.3356

 78.3757, 0.2266,
0.3357

Harmonies

Analogous

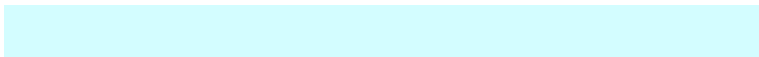
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2311, 0.2990, 0.3454



92.2311, 0.2860, 0.3300



92.2311, 0.2801, 0.3148

Triad

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



92.2311, 0.2860, 0.3300



92.2311, 0.3089, 0.3036



92.2311, 0.3435, 0.3536

Complementary

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



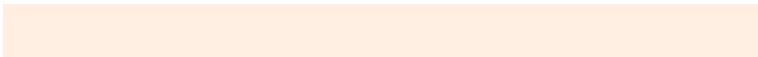
92.2311, 0.2860, 0.3300



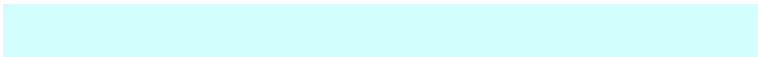
71.5033, 0.3472, 0.3280

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.



92.2311, 0.3465, 0.3417



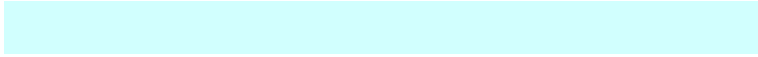
92.2311, 0.2860, 0.3300



92.2311, 0.3262, 0.3134

Square

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



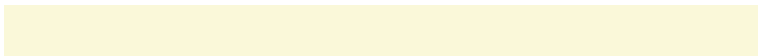
92.2311, 0.2860, 0.3300



92.2311, 0.2930, 0.3001



92.2311, 0.3401, 0.3271



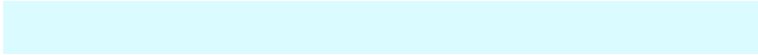
92.2311, 0.3322, 0.3591

Rectangle

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



92.2311, 0.2860, 0.3300



92.2311, 0.2808, 0.3069



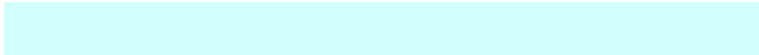
92.2311, 0.3401, 0.3271



92.2311, 0.3456, 0.3502

Sweetspot

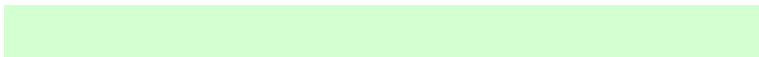
The Sweet Spot groups the original color and five complimentary colors.



92.2254, 0.2860, 0.3300



97.6430, 0.3051, 0.3293



89.8991, 0.3113, 0.3783



20.8314, 0.3040, 0.3293



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

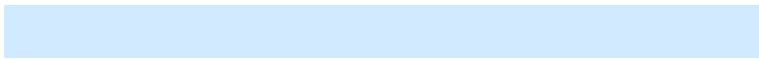
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2254, 0.2860, 0.3300



90.7873, 0.2806, 0.3302



79.3460, 0.2843, 0.3063



20.4740, 0.2983, 0.3295



40.9562, 0.2266, 0.3356



3.9899, 0.2263, 0.3348

Inverse Universe

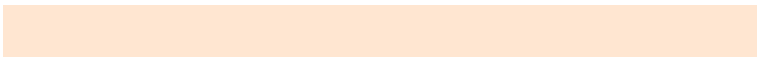
The Inverse Universe completely reimagines the original color for something new.



71.5033, 0.3472, 0.3280



66.2386, 0.3568, 0.3278



82.7091, 0.3441, 0.3507



17.9937, 0.3291, 0.3285



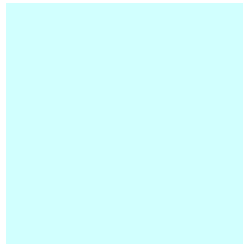
11.1182, 0.6378, 0.3287



1.0848, 0.6324, 0.3257

Previews

White Background



This preview shows how the Yxy color 92.2311, 0.2860, 0.3300 looks on a white background.

Color Contrast Check

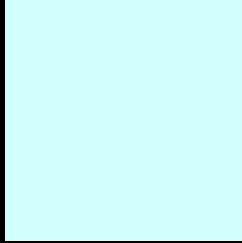
Large Text (above 18pt) WCAG AA × Fail

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 92.2311, 0.2860, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

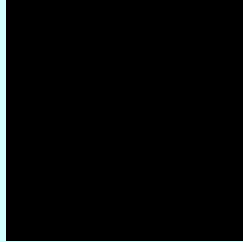
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.2311, 0.2860, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 92.2311, 0.2860, 0.3300.

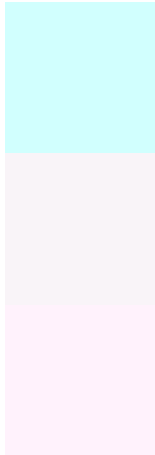


This preview shows how white text looks on a background with the Yxy color 92.2311, 0.2860, 0.3300.

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

92.2311, 0.2860, 0.3300

Protanopia

91.6184, 0.3135, 0.3251

Deuteranopia

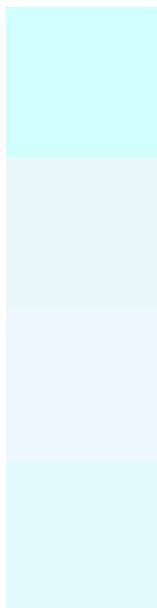
91.7925, 0.3151, 0.3194



Tritanopia

92.0170, 0.3005, 0.3220

Trichromacy



Original Color

92.2311, 0.2860, 0.3300

Protanomaly

91.5294, 0.3028, 0.3270

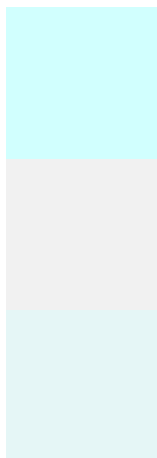
Deuteranomaly

91.7905, 0.3035, 0.3230

Tritanomaly

92.3831, 0.2951, 0.3249

Monochromacy



Original Color

92.2311, 0.2860, 0.3300

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

89.2234, 0.3020, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2311, 0.2860, 0.3300 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(209, 255, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 254) }
```

Border

The CSS property to change the border of an element to Yxy 92.2311, 0.2860, 0.3300 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, 254) }
```

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

```
.border{ border-color:rgb(209, 255, 254) }
```

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, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(209, 255,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2311, 0.2860, 0.3300 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, 254) }
```

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

```
.background{ background-color: rgb(209,  
255, 254) }
```

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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