

Converting Colors

$Y_{xy}(100.0000, 0.2889, 0.3523)$

Have a look what the booklet for
Yxy(100.0000, 0.2889, 0.3523)
contains.

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Color

Yxy(91.1530, 0.2879, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	CDFFF6
RGB	205, 255, 246
RGB Percent	80%, 100%, 96%
CMY	0.1961, 0.0000, 0.0352
CMYK	0.20, 0.00, 0.04, 0.00
HSL	169°, 100%, 90%
HSV	169°, 20%, 100%
XYZ	77.5730, 91.1530, 100.7183
YIQ	239.0240, -26.9110, -13.3990

Conversions

Conversions Part 2

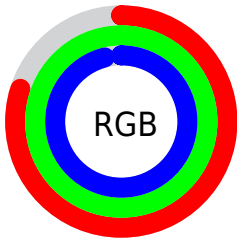
Format	Color
R _Y B	205, 232, 255
Decimal	13500406
CIE Lab	96.47, -17.54, -0.95
CIE LCh	96, 17.561, 183.106
Yxy	91.1530, 0.2879, 0.3383
Android (android.graphics.Color)	4291690486 (0xFFCDFFF6)
YUV	239.0240, 3.4392, -29.8390
Hunter-Lab	95.4741, -22.0478, 4.2852

Details

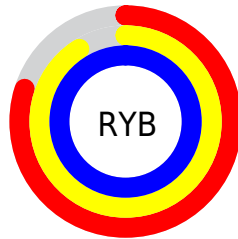
The Yxy color **91.1530, 0.2879, 0.3383** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.7721, 0.3449, 0.3200**, and the grayscale version is **86.3249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.5899, 0.2825, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **87.5408, 0.2764, 0.3437**, and if you desaturate by 10%, it is **95.3647, 0.3003, 0.3333**.

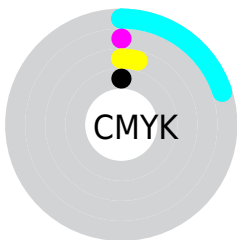
Distribution



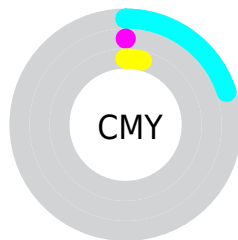
- Red (80%)
- Green (100%)
- Blue (96%)



- Red (80%)
- Yellow (91%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.1530, 0.2879, 0.3383 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 91.1530, 0.2879, 0.3383 by changing the saturation by 10% instead.

 91.1530, 0.2879,
0.3383

 91.1530, 0.2879,
0.3383

531.7744, 0.2989,
0.3342

 68.9373, 0.2855,
0.3392


148.9389, 0.2916,
0.3369

 50.6607, 0.2826,
0.3403

185.2780, 0.2931,
0.3364

 35.9386, 0.2790,
0.3416

227.0936, 0.2944,
0.3359

 24.3868, 0.2744,
0.3433

274.7702, 0.2955,
0.3355

 15.6208, 0.2683,
0.3455

328.6922, 0.2965,
0.3351

 9.2562, 0.2600,
0.3485

389.2440, 0.2974,

 4.9087, 0.2479,

0.3348

0.3528

456.8099, 0.2982,
0.3345

■ 2.1938, 0.2287,
0.3595

■ 0.7166, 0.1393,
0.3945

■ 91.1530, 0.2879,
0.3383

■ 91.1530, 0.2879,
0.3383

■ 87.5408, 0.2764,
0.3437


■ 95.3647, 0.3003,
0.3333


■ 84.4970, 0.2661,
0.3494


100.0000, 0.3127,
0.3290


■ 81.9914, 0.2573,
0.3555


■ 79.9900, 0.2503,
0.3619

 78.4549, 0.2451,
0.3684

 77.3428, 0.2419,
0.3749

 76.6021, 0.2407,
0.3815

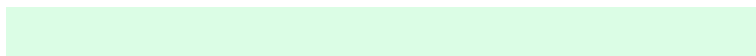
 76.1519, 0.2411,
0.3879

 76.1367, 0.2412,
0.3882

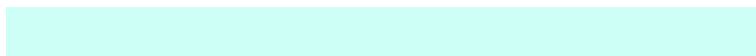
Harmonies

Analogous

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



91.1530, 0.3052, 0.3544



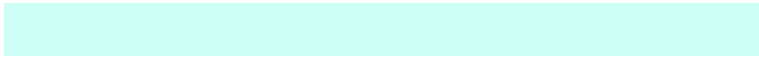
91.1530, 0.2879, 0.3383



91.1530, 0.2773, 0.3200

Triad

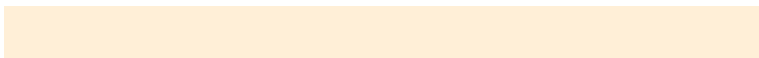
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.1530, 0.2879, 0.3383



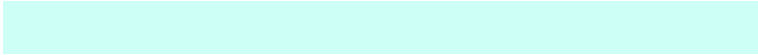
91.1530, 0.2997, 0.2973



91.1530, 0.3509, 0.3517

Complementary

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



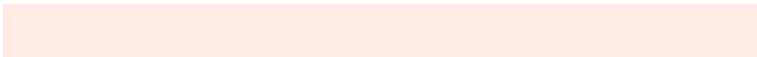
91.1530, 0.2879, 0.3383



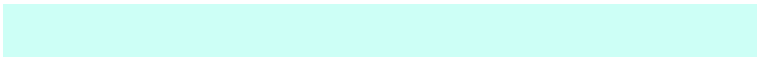
69.7721, 0.3449, 0.3200

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.



91.1530, 0.3495, 0.3362



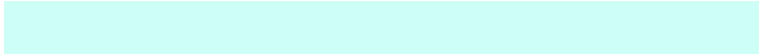
91.1530, 0.2879, 0.3383



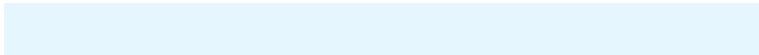
91.1530, 0.3194, 0.3055

Square

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



91.1530, 0.2879, 0.3383



91.1530, 0.2839, 0.2969



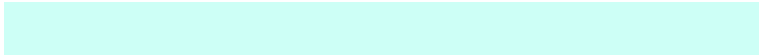
91.1530, 0.3378, 0.3195



91.1530, 0.3418, 0.3618

Rectangle

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



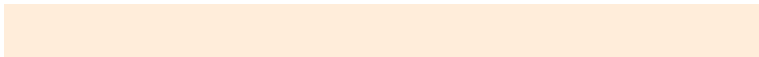
91.1530, 0.2879, 0.3383



91.1530, 0.2752, 0.3093



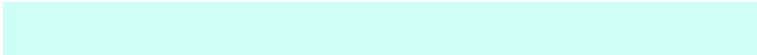
91.1530, 0.3378, 0.3195



91.1530, 0.3517, 0.3469

Sweetspot

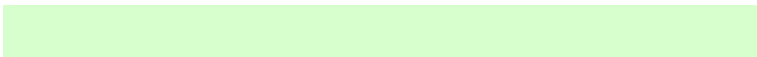
The Sweet Spot groups the original color and five complimentary colors.



91.1538, 0.2879, 0.3383



97.0373, 0.3049, 0.3317



90.2477, 0.3159, 0.3823



20.7039, 0.3040, 0.3320



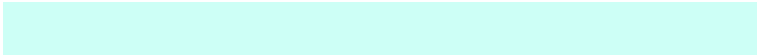
0.0000, 0.0000, 0.0000



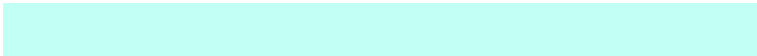
21.4041, 0.3127, 0.3290

Same Dimension

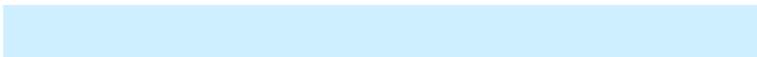
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.1538, 0.2879, 0.3383



89.4960, 0.2827, 0.3406



82.0273, 0.2822, 0.3122



20.4223, 0.3004, 0.3333



39.8034, 0.2409, 0.3871



3.8895, 0.2388, 0.3797

Inverse Universe

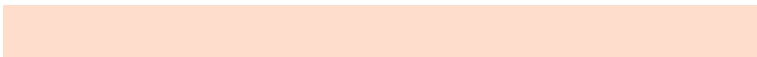
The Inverse Universe completely reimagines the original color for something new.



69.7721, 0.3449, 0.3200



64.1516, 0.3541, 0.3178



77.2897, 0.3487, 0.3452



18.0403, 0.3266, 0.3248



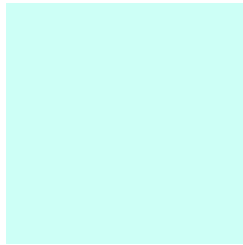
11.2260, 0.6132, 0.3152



1.1068, 0.5845, 0.2993

Previews

White Background



This preview shows how the Yxy color 91.1530, 0.2879, 0.3383 looks on a white background.

Color Contrast Check

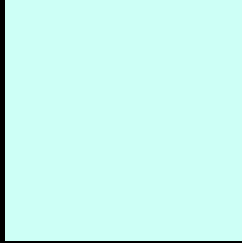
Large Text (above 18pt) WCAG AA × Fail

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 91.1530, 0.2879, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

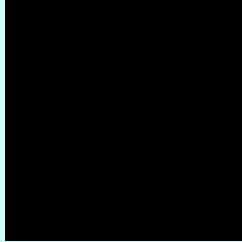
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

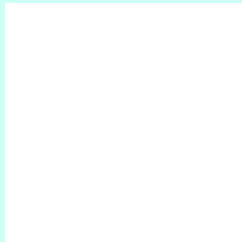
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.1530, 0.2879, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 91.1530, 0.2879, 0.3383.

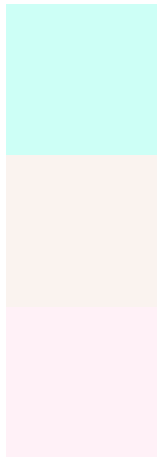


This preview shows how white text looks on a background with the Yxy color 91.1530, 0.2879, 0.3383.

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

91.1530, 0.2879, 0.3383

Protanopia

90.6572, 0.3197, 0.3330

Deuteranopia

90.8860, 0.3182, 0.3232



Tritanopia

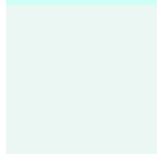
90.8973, 0.2987, 0.3210

Trichromacy



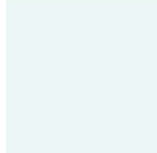
Original Color

91.1530, 0.2879, 0.3383



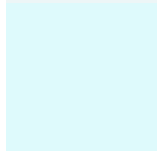
Protanomaly

90.4248, 0.3074, 0.3340



Deuteranomaly

90.6315, 0.3064, 0.3280



Tritanomaly

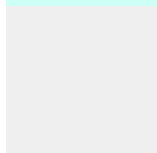
90.9291, 0.2944, 0.3269

Monochromacy



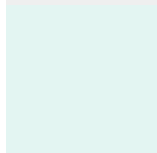
Original Color

91.1530, 0.2879, 0.3383



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.0465, 0.3030, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1530, 0.2879, 0.3383 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(205, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(205, 255, 246)  
}
```

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(205, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 255, 246) }
```

Border

The CSS property to change the border of an element to Yxy 91.1530, 0.2879, 0.3383 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(205, 255, 246) }
```

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

```
.border{ border-color:rgb(205, 255, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 255, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(205, 255,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1530, 0.2879, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 255, 246) }
```

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

```
.background{ background-color: rgb(205,  
255, 246) }
```

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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