

Converting Colors

$Y_{xy}(100.0000, 0.2960, 0.3610)$

Have a look what the booklet for
Yxy(100.0000, 0.2960, 0.3610)
contains.

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Color

Yxy(91.3361, 0.2956, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	D2FFED
RGB	210, 255, 237
RGB Percent	82%, 100%, 93%
CMY	0.1764, 0.0000, 0.0706
CMYK	0.18, 0.00, 0.07, 0.00
HSL	156°, 100%, 91%
HSV	156°, 18%, 100%
XYZ	77.6278, 91.3361, 93.6471
YIQ	239.4930, -21.0420, -15.1380

Conversions

Conversions Part 2

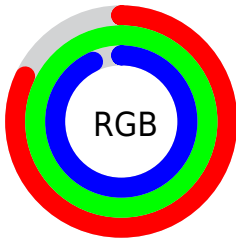
Format	Color
R _Y B	210, 238, 255
Decimal	13828077
CIE Lab	96.55, -17.75, 3.85
CIE LCh	97, 18.162, 167.762
Yxy	91.3361, 0.2956, 0.3478
Android (android.graphics.Color)	4292018157 (0xFFD2FFED)
YUV	239.4930, -1.2290, -25.8654
Hunter-Lab	95.5699, -22.2586, 8.8018

Details

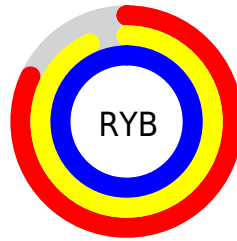
The Yxy color **91.3361, 0.2956, 0.3478** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.9700, 0.3337, 0.3110**, and the grayscale version is **86.7474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6929, 0.2920, 0.3520** is the 20% darker color. If you saturate the color by 10%, you get **87.3090, 0.2866, 0.3600**, and if you desaturate by 10%, it is **95.9997, 0.3052, 0.3367**.

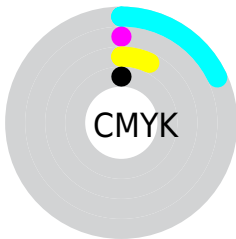
Distribution



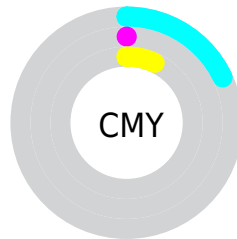
- Red (82%)
- Green (100%)
- Blue (93%)



- Red (82%)
- Yellow (93%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.3361, 0.2956, 0.3478 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 91.3361, 0.2956, 0.3478 by changing the saturation by 10% instead.

 91.3361, 0.2956,
0.3478

 91.3361, 0.2956,
0.3478


532.3676, 0.3033,
0.3393

 69.0893, 0.2939,
0.3497


149.1929, 0.2982,
0.3449

 50.7845, 0.2918,
0.3520

185.5717, 0.2992,
0.3438

 36.0371, 0.2893,
0.3549


227.4301, 0.3001,
0.3428

 24.4629, 0.2860,
0.3586

275.1522, 0.3009,
0.3419

 15.6773, 0.2816,
0.3635

329.1227, 0.3016,
0.3412

 9.2961, 0.2756,
0.3704

389.7258, 0.3022,

 4.9348, 0.2666,

0.3405

0.3807

457.3460, 0.3028,
0.3399

■ 2.2091, 0.2520,
0.3979

■ 0.7249, 0.1704,
0.4830

■ 91.3361, 0.2956,
0.3478

■ 91.3361, 0.2956,
0.3478

■ 87.3090, 0.2866,
0.3600


■ 95.9997, 0.3052,
0.3367


■ 83.8805, 0.2783,
0.3734


100.0000, 0.3127,
0.3290

■ 81.0225, 0.2713,
0.3877


■ 78.7013, 0.2658,
0.4028

 76.8792, 0.2620,
0.4184

 75.5135, 0.2603,
0.4343

 74.5540, 0.2606,
0.4500

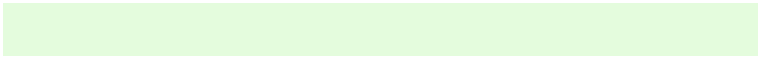
 73.9347, 0.2629,
0.4653

 73.8154, 0.2636,
0.4688

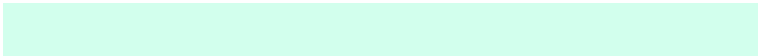
Harmonies

Analogous

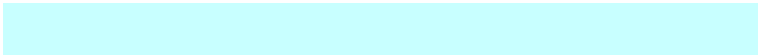
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3361, 0.3154, 0.3611



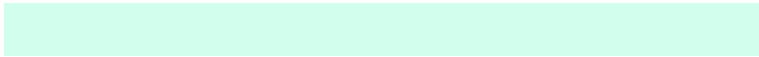
91.3361, 0.2956, 0.3478



91.3361, 0.2807, 0.3293

Triad

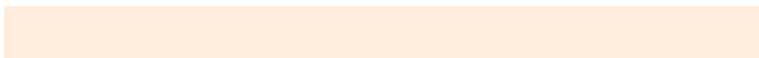
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.3361, 0.2956, 0.3478



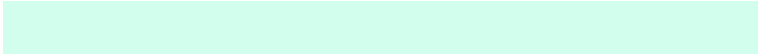
91.3361, 0.2901, 0.2950



91.3361, 0.3529, 0.3446

Complementary

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



91.3361, 0.2956, 0.3478



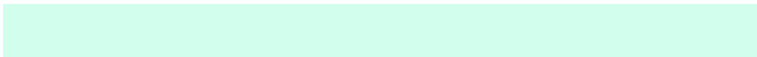
72.9700, 0.3337, 0.3110

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.



91.3361, 0.3457, 0.3274



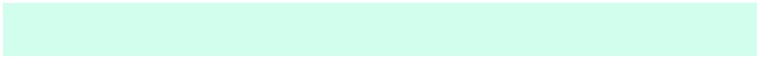
91.3361, 0.2956, 0.3478



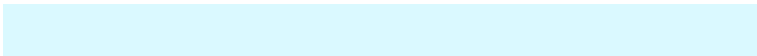
91.3361, 0.3090, 0.2995

Square

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



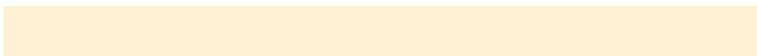
91.3361, 0.2956, 0.3478



91.3361, 0.2775, 0.2991



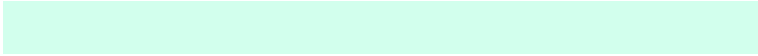
91.3361, 0.3294, 0.3112



91.3361, 0.3489, 0.3584

Rectangle

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



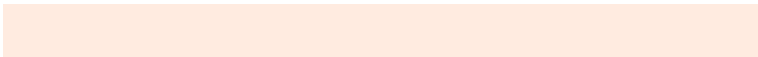
91.3361, 0.2956, 0.3478



91.3361, 0.2752, 0.3169



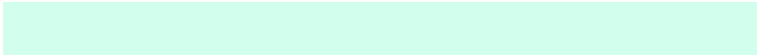
91.3361, 0.3294, 0.3112



91.3361, 0.3517, 0.3390

Sweetspot

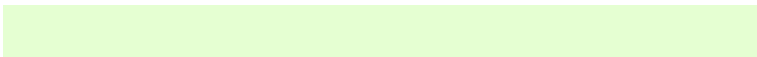
The Sweet Spot groups the original color and five complimentary colors.



91.3392, 0.2956, 0.3478



97.3369, 0.3078, 0.3340



92.7939, 0.3222, 0.3755



20.7569, 0.3071, 0.3347



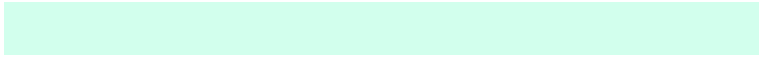
0.0000, 0.0000, 0.0000



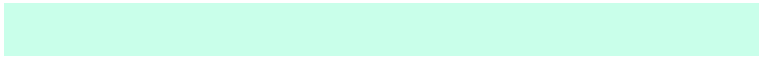
21.4041, 0.3127, 0.3290

Same Dimension

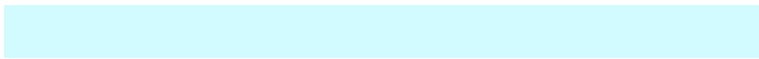
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.3392, 0.2956, 0.3478



89.9147, 0.2925, 0.3518



90.0776, 0.2859, 0.3251



20.3510, 0.3034, 0.3387



38.6004, 0.2629, 0.4663



3.7800, 0.2580, 0.4489

Inverse Universe

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



72.9700, 0.3337, 0.3110



68.5657, 0.3386, 0.3073



73.8935, 0.3463, 0.3329



18.1076, 0.3231, 0.3195



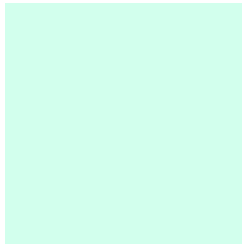
11.6390, 0.5382, 0.2738



1.1541, 0.5081, 0.2573

Previews

White Background



This preview shows how the Yxy color 91.3361, 0.2956, 0.3478 looks on a white background.

Color Contrast Check

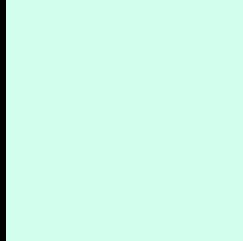
Large Text (above 18pt) WCAG AA × Fail

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 91.3361, 0.2956, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

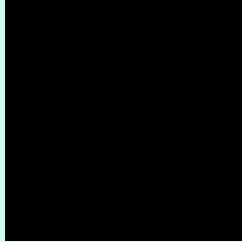
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

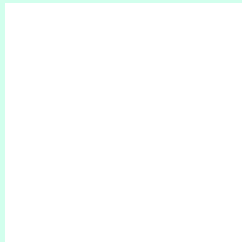
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.3361, 0.2956, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 91.3361, 0.2956, 0.3478.

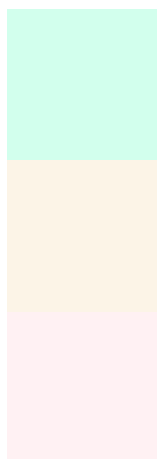


This preview shows how white text looks on a background with the Yxy color 91.3361, 0.2956, 0.3478.

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

91.3361, 0.2956, 0.3478

Protanopia

91.1663, 0.3259, 0.3418

Deuteranopia

90.6417, 0.3207, 0.3271



Tritanopia

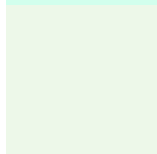
91.2340, 0.2999, 0.3210

Trichromacy



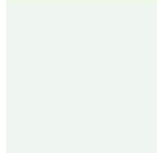
Original Color

91.3361, 0.2956, 0.3478



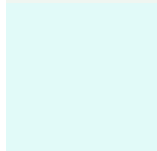
Protanomaly

91.0225, 0.3146, 0.3441



Deuteranomaly

90.6131, 0.3112, 0.3340



Tritanomaly

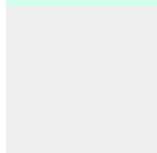
91.1561, 0.2984, 0.3310

Monochromacy



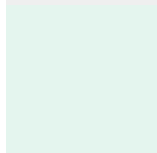
Original Color

91.3361, 0.2956, 0.3478



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

87.9718, 0.3060, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.3361, 0.2956, 0.3478 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(210, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 237)  
}
```

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(210, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 237) }
```

Border

The CSS property to change the border of an element to Yxy 91.3361, 0.2956, 0.3478 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(210, 255, 237) }
```

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

```
.border{ border-color:rgb(210, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 91.3361, 0.2956, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 237) }
```

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

```
.background{ background-color: rgb(210,  
255, 237) }
```

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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