

Converting Colors

$Yxy(79.6808, 0.3003, 0.3318)$

Have a look what the booklet for
Yxy(79.6808, 0.3003, 0.3318)
contains.

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Color

Yxy(79.5960, 0.3001, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	D6EBE9
RGB	214, 235, 233
RGB Percent	84%, 92%, 91%
CMY	0.1609, 0.0784, 0.0862
CMYK	0.09, 0.00, 0.01, 0.08
HSL	174°, 34%, 88%
HSV	174°, 9%, 92%
XYZ	72.1436, 79.5960, 88.6590
YIQ	228.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

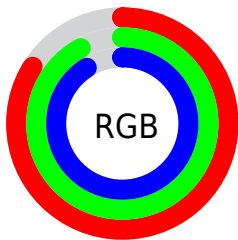
Format	Color
RYB	214, 225, 235
Decimal	14085097
CIELab	91.50, -7.28, -1.41
CIElCh	92, 7.415, 190.959
Yxy	79.5960, 0.3001, 0.3311
Android (android.graphics.Color)	4292275177 (0xFFD6EBE9)
YUV	228.4930, 2.2220, -12.7104
Hunter-Lab	89.2166, -11.7877, 3.5321

Details

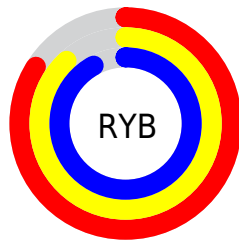
The Yxy color **79.5960, 0.3001, 0.3311** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.7024, 0.3269, 0.3269**, and the grayscale version is **77.9526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7855, 0.2974, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **76.1883, 0.2867, 0.3337**, and if you desaturate by 10%, it is **83.5221, 0.3142, 0.3288**.

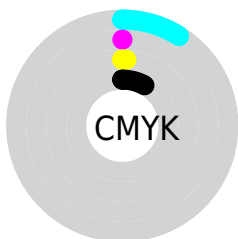
Distribution



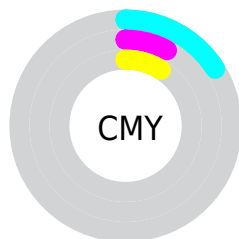
- Red (84%)
- Green (92%)
- Blue (91%)



- Red (84%)
- Yellow (88%)
- Blue (92%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)



- Cyan (16%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.5960, 0.3001, 0.3311 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 79.5960, 0.3001, 0.3311 by changing the saturation by 10% instead.

■ 79.5960, 0.3001,
0.3311

■ 79.5960, 0.3001,
0.3311

493.5703, 0.3058,
0.3302

■ 59.3860, 0.2988,
0.3313

132.7976, 0.3021,
0.3308

■ 42.9239, 0.2972,
0.3316

166.5579, 0.3028,
0.3307

■ 29.8254, 0.2952,
0.3319

205.6038, 0.3035,
0.3306

■ 19.7061, 0.2927,
0.3323

250.3196, 0.3041,
0.3305

■ 12.1816, 0.2892,
0.3328

301.0898, 0.3046,
0.3304

■ 6.8675, 0.2843,
0.3335

358.2987, 0.3051,

■ 3.3794, 0.2769,

0.3303

422.3307, 0.3055,
0.3302

0.3345

1.3328, 0.2642,
0.3362

0.1664, 0.0000,
0.3730

79.5960, 0.3001,
0.3311

79.5960, 0.3001,
0.3311

76.1883, 0.2867,
0.3337

83.5221, 0.3142,
0.3288

73.2672, 0.2742,
0.3364


86.8253, 0.3247,
0.3266


70.8128, 0.2631,
0.3394

86.9571, 0.3232,
0.3244

68.7998, 0.2535,
0.3425


87.0905, 0.3218,
0.3223

 67.2006, 0.2456,
0.3457


 87.2255, 0.3204,
0.3201

 65.9846, 0.2397,
0.3490


 87.3622, 0.3190,
0.3179

 65.1166, 0.2357,
0.3522

 87.5006, 0.3176,
0.3158

 64.5553, 0.2336,
0.3555

 87.6406, 0.3162,
0.3137

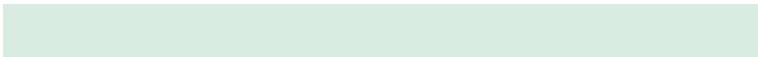
 64.2379, 0.2331,
0.3587

 87.7822, 0.3148,
0.3115

Harmonies

Analogous

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



79.5960, 0.3073, 0.3384



79.5960, 0.3001, 0.3311



79.5960, 0.2963, 0.3233

Triad

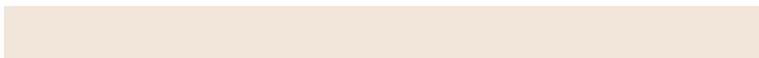
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5960, 0.3001, 0.3311



79.5960, 0.3092, 0.3153



79.5960, 0.3289, 0.3407

Complementary

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



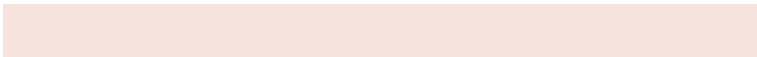
79.5960, 0.3001, 0.3311



70.7024, 0.3269, 0.3269

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.



79.5960, 0.3295, 0.3344



79.5960, 0.3001, 0.3311



79.5960, 0.3180, 0.3199

Square

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



79.5960, 0.3001, 0.3311



79.5960, 0.3015, 0.3143



79.5960, 0.3255, 0.3268



79.5960, 0.3239, 0.3440

Rectangle

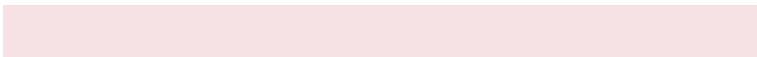
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



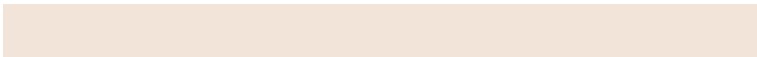
79.5960, 0.3001, 0.3311



79.5960, 0.2961, 0.3189



79.5960, 0.3255, 0.3268



79.5960, 0.3296, 0.3388

Sweetspot

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



79.5994, 0.3001, 0.3311



98.5311, 0.3084, 0.3297



78.8879, 0.3131, 0.3519



21.0078, 0.3073, 0.3299



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.



79.5994, 0.3001, 0.3311



94.8922, 0.2972, 0.3316



75.0097, 0.2989, 0.3199



17.0958, 0.2994, 0.3312



35.7426, 0.2329, 0.3586



2.8138, 0.2317, 0.3541

Inverse Universe

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



70.7024, 0.3269, 0.3269



81.8625, 0.3306, 0.3264



74.9682, 0.3274, 0.3379



15.0773, 0.3278, 0.3268



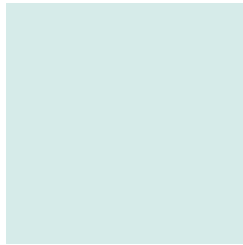
9.8709, 0.6291, 0.3239



0.7830, 0.6040, 0.3101

Previews

White Background



This preview shows how the Yxy color 79.5960, 0.3001, 0.3311 looks on a white background.

Color Contrast Check

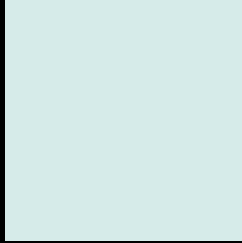
Large Text (above 18pt) WCAG AA × Fail

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 79.5960, 0.3001, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

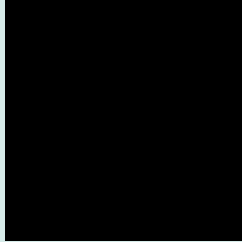
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

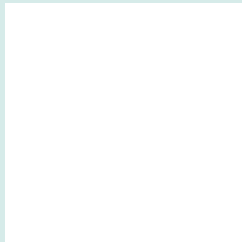
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.5960, 0.3001, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 79.5960, 0.3001, 0.3311.



This preview shows how white text looks on a background with the Yxy color 79.5960, 0.3001, 0.3311.

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

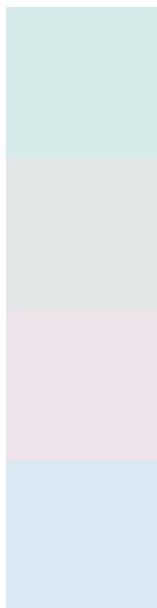




Tritanopia

79.4300, 0.2914, 0.3091

Trichromacy



Original Color

79.5960, 0.3001, 0.3311

Protanomaly

79.2522, 0.3100, 0.3290

Deuteranomaly

78.8832, 0.3151, 0.3218

Tritanomaly

79.4084, 0.2949, 0.3174

Monochromacy



Original Color

79.5960, 0.3001, 0.3311

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

78.5530, 0.3079, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5960, 0.3001, 0.3311 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(214, 235, 233)` looks like.

```
.text, #text, p{  
    color:rgb(214, 235, 233)  
}
```

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(214, 235, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 235, 233) }
```

Border

The CSS property to change the border of an element to Yxy 79.5960, 0.3001, 0.3311 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(214, 235, 233) }
```

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

```
.border{ border-color:rgb(214, 235, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 235, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 235, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 235, 233);  
box-shadow:4px 4px 4px 4px rgb(214, 235,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5960, 0.3001, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 235, 233) }
```

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

```
.background{ background-color: rgb(214,  
235, 233) }
```

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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