

Converting Colors

Yxy(78.8166, 0.2849, 0.3185)

Have a look what the booklet for
Yxy(78.8166, 0.2849, 0.3185)
contains.

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Color

Yxy(79.0010, 0.2851, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	C9ECF5
RGB	201, 236, 245
RGB Percent	79%, 93%, 96%
CMY	0.2119, 0.0745, 0.0391
CMYK	0.18, 0.04, 0.00, 0.04
HSL	192°, 69%, 87%
HSV	192°, 18%, 96%
XYZ	70.5614, 79.0010, 97.9345
YIQ	226.5610, -23.7490, -4.6210

Conversions

Conversions Part 2

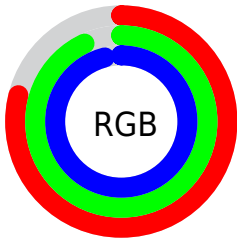
Format	Color
R _Y B	201, 220, 245
Decimal	13233397
CIE Lab	91.23, -9.48, -8.17
CIE LCh	91, 12.516, 220.754
Yxy	79.0010, 0.2851, 0.3192
Android (android.graphics.Color)	4291423477 (0xFFC9ECF5)
YUV	226.5610, 9.0904, -22.4170
Hunter-Lab	88.8825, -13.8382, -3.1105

Details

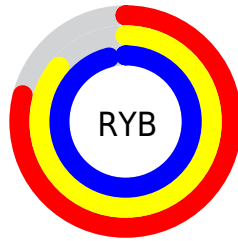
The Yxy color **79.0010, 0.2851, 0.3192** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.7205, 0.3460, 0.3386**, and the grayscale version is **76.4259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4276, 0.2785, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **73.0281, 0.2704, 0.3131**, and if you desaturate by 10%, it is **85.6031, 0.3004, 0.3249**.

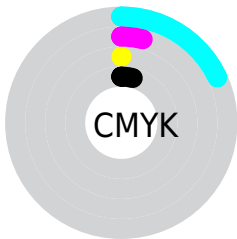
Distribution



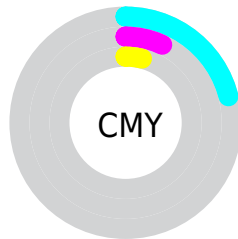
- Red (79%)
- Green (93%)
- Blue (96%)



- Red (79%)
- Yellow (86%)
- Blue (96%)



- Cyan (18%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



- Cyan (21%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.0010, 0.2851, 0.3192 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 79.0010, 0.2851, 0.3192 by changing the saturation by 10% instead.

79.0010, 0.2851,
0.3192

79.0010, 0.2851,
0.3192

491.5597, 0.2976,
0.3238

58.8966, 0.2823,
0.3181

131.9603, 0.2894,
0.3208

42.5299, 0.2789,
0.3168

165.5840, 0.2911,
0.3214

29.5165, 0.2746,
0.3151

204.4829, 0.2925,
0.3220

19.4719, 0.2692,
0.3129

249.0414, 0.2938,
0.3224

12.0117, 0.2618,
0.3099

299.6440, 0.2949,
0.3228

6.7517, 0.2516,
0.3054

356.6750, 0.2959,

3.3073, 0.2362,

0.3232

0.2984

420.5187, 0.2968,
0.3235

1.2942, 0.2109,
0.2857

0.1367, 0.0000,
0.1595

79.0010, 0.2851,
0.3192

79.0010, 0.2851,
0.3192

73.0281, 0.2704,
0.3131

85.6031, 0.3004,
0.3249

67.6484, 0.2565,
0.3065

92.8492, 0.3159,
0.3300

62.8367, 0.2438,
0.2995

96.8817, 0.3188,
0.3348

58.5621, 0.2326,
0.2922

99.3741, 0.3185,
0.3386

■ 54.7902, 0.2231,
0.2847

■ 51.4821, 0.2156,
0.2771

■ 48.5920, 0.2101,
0.2696

■ 46.0574, 0.2064,
0.2621

■ 45.5699, 0.2057,
0.2606

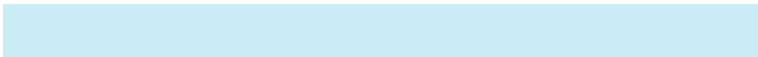
Harmonies

Analogous

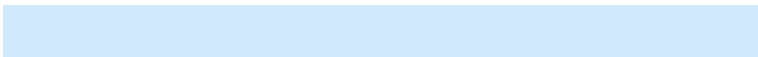
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0010, 0.2915, 0.3325



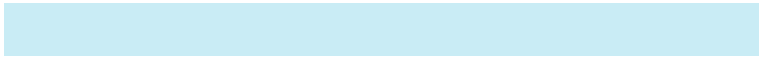
79.0010, 0.2851, 0.3192



79.0010, 0.2859, 0.3090

Triad

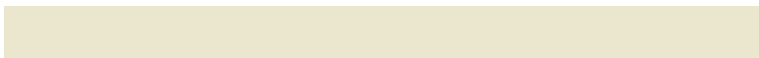
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0010, 0.2851, 0.3192



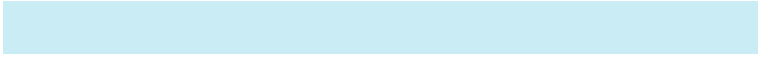
79.0010, 0.3215, 0.3136



79.0010, 0.3317, 0.3544

Complementary

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



79.0010, 0.2851, 0.3192



69.7205, 0.3460, 0.3386

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.



79.0010, 0.3402, 0.3485



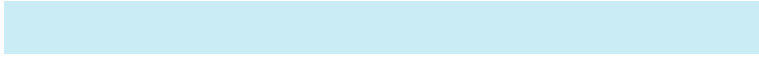
79.0010, 0.2851, 0.3192



79.0010, 0.3343, 0.3250

Square

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



79.0010, 0.2851, 0.3192



79.0010, 0.3066, 0.3061



79.0010, 0.3412, 0.3377



79.0010, 0.3183, 0.3533

Rectangle

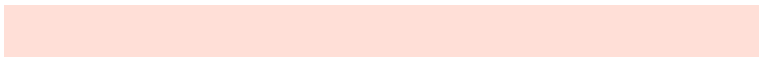
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0010, 0.2851, 0.3192



79.0010, 0.2904, 0.3052



79.0010, 0.3412, 0.3377



79.0010, 0.3353, 0.3531

Sweetspot

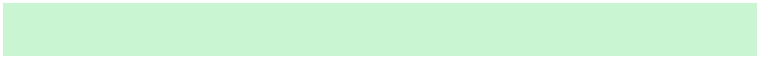
The Sweet Spot groups the original color and five complimentary colors.



79.0042, 0.2851, 0.3192



96.0079, 0.3049, 0.3264



82.3760, 0.3053, 0.3680



20.4327, 0.3039, 0.3261



0.0000, 0.0000, 0.0000



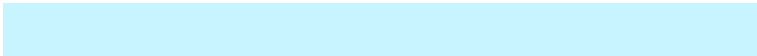
21.4041, 0.3127, 0.3290

Same Dimension

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



79.0042, 0.2851, 0.3192



83.7605, 0.2790, 0.3168



67.1968, 0.2838, 0.2949



18.1480, 0.2980, 0.3240



24.7480, 0.2061, 0.2618



2.3171, 0.2087, 0.2712

Inverse Universe

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



67.2346, 0.3212, 0.2931



68.5633, 0.3235, 0.2847



81.2387, 0.3421, 0.3609



16.7068, 0.3169, 0.3104



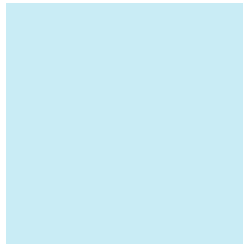
12.5977, 0.3806, 0.1870



1.1215, 0.3717, 0.1821

Previews

White Background



This preview shows how the Yxy color 79.0010, 0.2851, 0.3192 looks on a white background.

Color Contrast Check

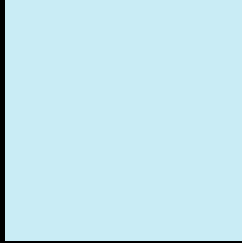
Large Text (above 18pt) WCAG AA × Fail

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 79.0010, 0.2851, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

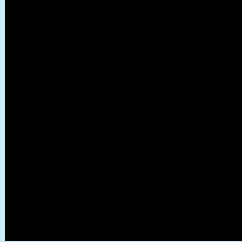
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.0010, 0.2851, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 79.0010, 0.2851, 0.3192.

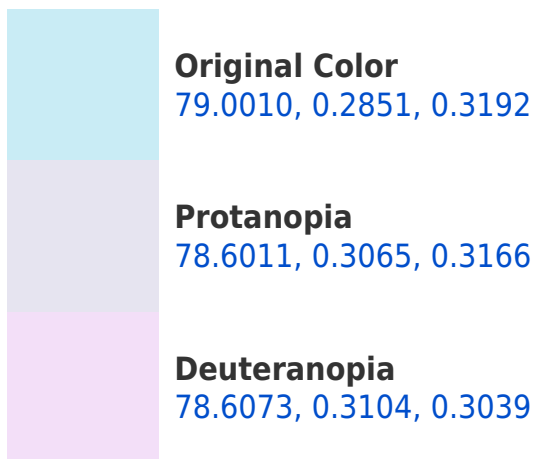


This preview shows how white text looks on a background with the Yxy color 79.0010, 0.2851, 0.3192.

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

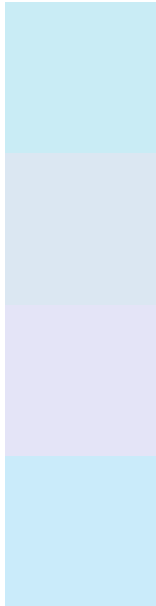




Tritanopia

79.2050, 0.2819, 0.3098

Trichromacy



Original Color

79.0010, 0.2851, 0.3192

Protanomaly

78.6227, 0.2980, 0.3174

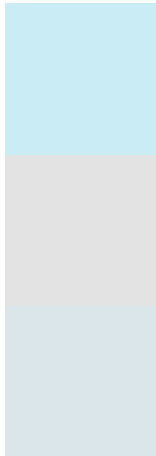
Deuteranomaly

78.6962, 0.3008, 0.3094

Tritanomaly

78.8753, 0.2829, 0.3129

Monochromacy



Original Color

79.0010, 0.2851, 0.3192

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.4396, 0.3022, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0010, 0.2851, 0.3192 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(201, 236, 245)` looks like.

```
.text, #text, p{  
    color:rgb(201, 236, 245)  
}
```

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(201, 236, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 236, 245) }
```

Border

The CSS property to change the border of an element to Yxy 79.0010, 0.2851, 0.3192 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(201, 236, 245) }
```

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

```
.border{ border-color:rgb(201, 236, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 236, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 236, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 236, 245);  
box-shadow:4px 4px 4px 4px rgb(201, 236,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0010, 0.2851, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 236, 245) }
```

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

```
.background{ background-color: rgb(201,  
236, 245) }
```

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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