

Converting Colors

$Yxy(79.7927, 0.3011, 0.3495)$

Have a look what the booklet for
Yxy(79.7927, 0.3011, 0.3495)
contains.

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Color

Yxy(79.7377, 0.3014, 0.3499)

Conversions

Conversions Part 1

Format	Color
Hex	CCEFDC
RGB	204, 239, 220
RGB Percent	80%, 94%, 86%
CMY	0.2000, 0.0627, 0.1373
CMYK	0.15, 0.00, 0.08, 0.06
HSL	147°, 52%, 87%
HSV	147°, 15%, 94%
XYZ	68.6852, 79.7377, 79.4642
YIQ	226.3690, -14.7610, -13.3290

Conversions

Conversions Part 2

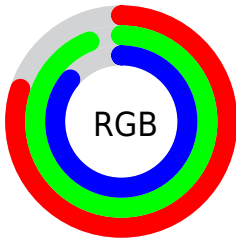
Format	Color
RYB	204, 228, 239
Decimal	13430748
CIELab	91.57, -14.96, 5.39
CIELCh	92, 15.905, 160.177
Yxy	79.7377, 0.3014, 0.3499
Android (android.graphics.Color)	4291620828 (0xFFCCEFDC)
YUV	226.3690, -3.1399, -19.6176
Hunter-Lab	89.2960, -18.9683, 9.7452

Details

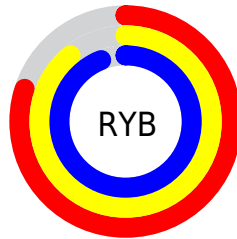
The Yxy color **79.7377, 0.3014, 0.3499** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.8706, 0.3258, 0.3090**, and the grayscale version is **76.3671, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.0676, 0.2991, 0.3549** is the 20% darker color. If you saturate the color by 10%, you get **75.9568, 0.2940, 0.3662**, and if you desaturate by 10%, it is **84.0971, 0.3091, 0.3352**.

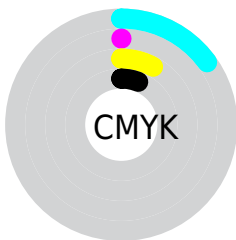
Distribution



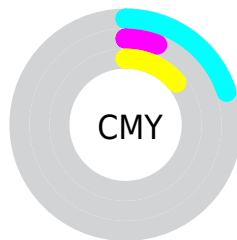
- Red (80%)
- Green (94%)
- Blue (86%)



- Red (80%)
- Yellow (89%)
- Blue (94%)



- Cyan (15%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)




- Cyan (20%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.7377, 0.3014, 0.3499 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 79.7377, 0.3014, 0.3499 by changing the saturation by 10% instead.


 79.7377, 0.3014,
0.3499

 79.7377, 0.3014,
0.3499


494.0484, 0.3066,
0.3402

 59.5025, 0.3002,
0.3521


132.9969, 0.3032,
0.3465

 43.0178, 0.2987,
0.3548


166.7897, 0.3039,
0.3452

 29.8991, 0.2969,
0.3583


205.8705, 0.3045,
0.3441

 19.7620, 0.2944,
0.3629

250.6237, 0.3051,
0.3431

 12.2222, 0.2911,
0.3691

301.4337, 0.3055,
0.3423

 6.8952, 0.2863,
0.3781

358.6849, 0.3059,

 3.3966, 0.2787,

0.3415

422.7617, 0.3063,
0.3408

0.3922

1.3421, 0.2652,
0.4178

0.1735, 0.0000,
1.0000

79.7377, 0.3014,
0.3499

79.7377, 0.3014,
0.3499

75.9568, 0.2940,
0.3662

84.0971, 0.3091,
0.3352

72.7196, 0.2872,
0.3842

89.0480, 0.3169,
0.3222

70.0027, 0.2812,
0.4036

90.2165, 0.3134,
0.3136

67.7773, 0.2765,
0.4243

■ 66.0115, 0.2733,
0.4457

■ 64.6694, 0.2720,
0.4672

■ 63.7098, 0.2727,
0.4882

■ 63.0821, 0.2753,
0.5080

■ 62.8420, 0.2772,
0.5180

Harmonies

Analogous

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



79.7377, 0.3200, 0.3601



79.7377, 0.3014, 0.3499



79.7377, 0.2861, 0.3337

Triad

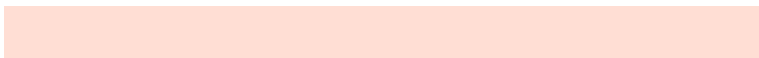
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7377, 0.3014, 0.3499



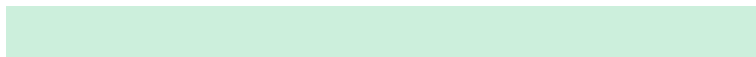
79.7377, 0.2884, 0.2979



79.7377, 0.3488, 0.3395

Complementary

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



79.7377, 0.3014, 0.3499



66.8706, 0.3258, 0.3090

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.



79.7377, 0.3398, 0.3236



79.7377, 0.3014, 0.3499



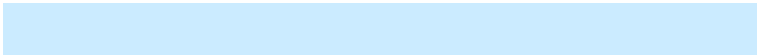
79.7377, 0.3046, 0.3001

Square

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



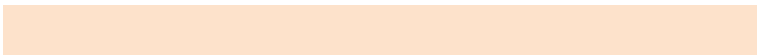
79.7377, 0.3014, 0.3499



79.7377, 0.2788, 0.3038



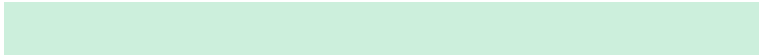
79.7377, 0.3235, 0.3094



79.7377, 0.3477, 0.3534

Rectangle

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



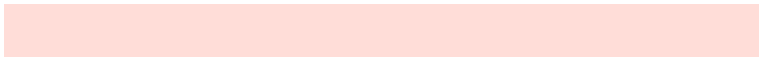
79.7377, 0.3014, 0.3499



79.7377, 0.2797, 0.3221



79.7377, 0.3235, 0.3094



79.7377, 0.3468, 0.3343

Sweetspot

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



79.7411, 0.3014, 0.3499



97.7645, 0.3096, 0.3344



81.8253, 0.3238, 0.3666



20.8383, 0.3090, 0.3354



0.0000, 0.0000, 0.0000



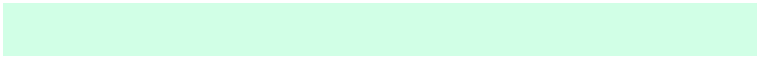
21.4041, 0.3127, 0.3290

Same Dimension

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



79.7411, 0.3014, 0.3499



90.8056, 0.2988, 0.3553



80.7043, 0.2914, 0.3308



17.7764, 0.3054, 0.3421



34.7517, 0.2764, 0.5151



2.9109, 0.2694, 0.4898

Inverse Universe

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



66.8706, 0.3258, 0.3090



72.8537, 0.3294, 0.3041



65.9854, 0.3387, 0.3272



15.9026, 0.3208, 0.3162



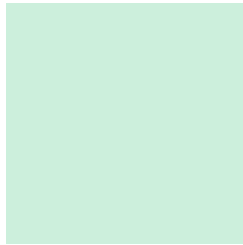
11.0576, 0.4774, 0.2403



0.9400, 0.4511, 0.2259

Previews

White Background



This preview shows how the Yxy color 79.7377, 0.3014, 0.3499 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 79.7377, 0.3014, 0.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

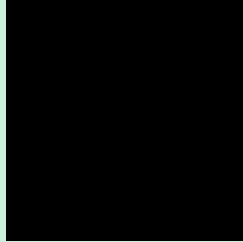
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

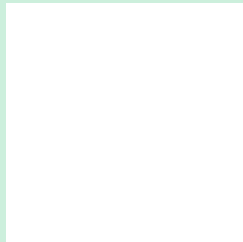
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.7377, 0.3014, 0.3499

Background



This preview shows how black text looks on a background with the Yxy color 79.7377, 0.3014, 0.3499.

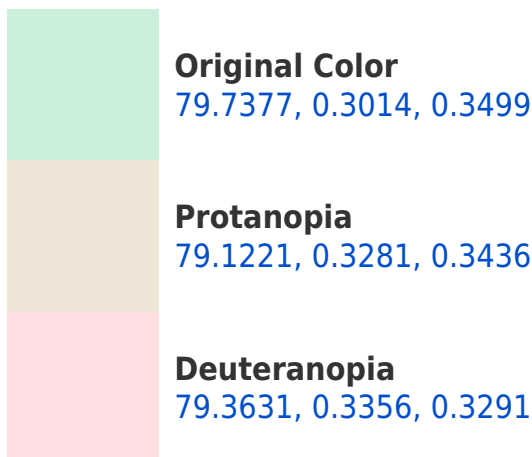


This preview shows how white text looks on a background with the Yxy color 79.7377, 0.3014, 0.3499.

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

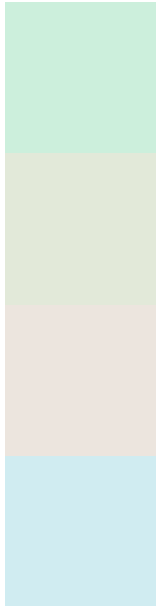




Tritanopia

79.6391, 0.2860, 0.3089

Trichromacy



Original Color

79.7377, 0.3014, 0.3499

Protanomaly

79.4563, 0.3180, 0.3460

Deuteranomaly

79.1454, 0.3221, 0.3363

Tritanomaly

79.7517, 0.2917, 0.3236

Monochromacy



Original Color

79.7377, 0.3014, 0.3499

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

77.4391, 0.3083, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.7377, 0.3014, 0.3499 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(204, 239, 220)` looks like.

```
.text, #text, p{  
    color:rgb(204, 239, 220)  
}
```

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(204, 239, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 239, 220) }
```

Border

The CSS property to change the border of an element to Yxy 79.7377, 0.3014, 0.3499 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(204, 239, 220) }
```

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

```
.border{ border-color:rgb(204, 239, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 239, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 239, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 239, 220);  
box-shadow:4px 4px 4px 4px rgb(204, 239,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 79.7377, 0.3014, 0.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 239, 220) }
```

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

```
.background{ background-color: rgb(204,  
239, 220) }
```

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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