

Converting Colors

$Yxy(70.9689, 0.3113, 0.3579)$

Have a look what the booklet for
Yxy(70.9689, 0.3113, 0.3579)
contains.

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Color

Yxy(71.0273, 0.3114, 0.3577)

Conversions

Conversions Part 1

Format	Color
Hex	C9E2C9
RGB	201, 226, 201
RGB Percent	79%, 89%, 79%
CMY	0.2116, 0.1137, 0.2118
CMYK	0.11, 0.00, 0.11, 0.11
HSL	120°, 30%, 84%
HSV	120°, 11%, 89%
XYZ	61.8337, 71.0273, 65.7057
YIQ	215.6750, -6.8750, -13.0750

Conversions

Conversions Part 2

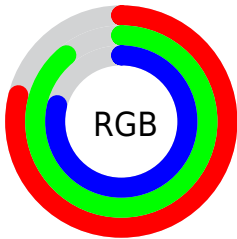
Format	Color
RYB	201, 226, 226
Decimal	13230793
CIELab	87.50, -12.87, 9.44
CIElCh	87, 15.958, 143.752
Yxy	71.0273, 0.3114, 0.3577
Android (android.graphics.Color)	4291420873 (0xFFC9E2C9)
YUV	215.6750, -7.2348, -12.8700
Hunter-Lab	84.2777, -16.5224, 12.7699

Details

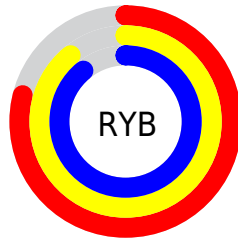
The Yxy color **71.0273, 0.3114, 0.3577** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4233, 0.3140, 0.3019**, and the grayscale version is **68.4961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4354, 0.3110, 0.3654** is the 20% darker color. If you saturate the color by 10%, you get **67.1426, 0.3100, 0.3873**, and if you desaturate by 10%, it is **75.5338, 0.3126, 0.3316**.

Distribution



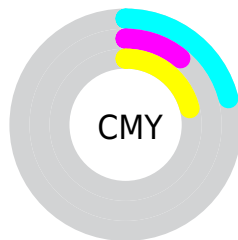
- Red (79%)
- Green (89%)
- Blue (79%)



- Red (79%)
- Yellow (89%)
- Blue (89%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (21%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0273, 0.3114, 0.3577 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 71.0273, 0.3114, 0.3577 by changing the saturation by 10% instead.

■ 71.0273, 0.3114,
0.3577

■ 71.0273, 0.3114,
0.3577

464.1489, 0.3121,
0.3441

■ 52.3645, 0.3112,
0.3609

120.6726, 0.3117,
0.3529

■ 37.2957, 0.3109,
0.3649

152.4239, 0.3118,
0.3511

■ 25.4365, 0.3106,
0.3700

189.3067, 0.3119,
0.3495

■ 16.4026, 0.3100,
0.3769

231.7056, 0.3119,
0.3481

■ 9.8095, 0.3092,
0.3864

280.0048, 0.3120,
0.3469

■ 5.2728, 0.3077,
0.4008

334.5889, 0.3121,

■ 2.4082, 0.3049,

0.3459

395.8421, 0.3121,
0.3449

0.4245

0.8301, 0.3065,
0.5359

0.0000, 0.0000,
0.0000

71.0273, 0.3114,
0.3577

71.0273, 0.3114,
0.3577

67.1426, 0.3100,
0.3873

75.5338, 0.3126,
0.3316

63.8438, 0.3085,
0.4202

80.6780, 0.3136,
0.3089

61.1052, 0.3069,
0.4555

82.8704, 0.3140,
0.3009

58.8958, 0.3052,
0.4915

■ 57.1814, 0.3036,
0.5260

■ 55.9239, 0.3022,
0.5561

■ 55.0795, 0.3010,
0.5792

■ 54.5963, 0.3003,
0.5936

■ 54.3929, 0.3000,
0.6000

Harmonies

Analogous

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



71.0273, 0.3306, 0.3633



71.0273, 0.3114, 0.3577



71.0273, 0.2930, 0.3436

Triad

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



71.0273, 0.3114, 0.3577



71.0273, 0.2808, 0.2989



71.0273, 0.3464, 0.3309

Complementary

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



71.0273, 0.3114, 0.3577



63.4233, 0.3140, 0.3019

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.



71.0273, 0.3323, 0.3148



71.0273, 0.3114, 0.3577



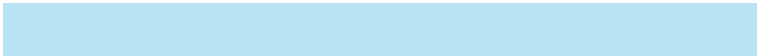
71.0273, 0.2943, 0.2967

Square

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



71.0273, 0.3114, 0.3577



71.0273, 0.2757, 0.3093



71.0273, 0.3131, 0.3025



71.0273, 0.3512, 0.3470

Rectangle

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



71.0273, 0.3114, 0.3577



71.0273, 0.2836, 0.3317



71.0273, 0.3131, 0.3025



71.0273, 0.3426, 0.3253

Sweetspot

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



71.0303, 0.3114, 0.3577



98.0973, 0.3124, 0.3364



74.5490, 0.3292, 0.3558



20.8908, 0.3123, 0.3384



0.0000, 0.0000, 0.0000



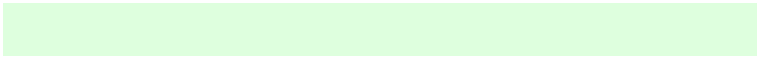
21.4041, 0.3127, 0.3290

Same Dimension

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



71.0303, 0.3114, 0.3577



92.3010, 0.3111, 0.3634



71.6155, 0.3037, 0.3436



15.3384, 0.3116, 0.3532



31.0331, 0.3000, 0.6000



2.1514, 0.3002, 0.5999

Inverse Universe

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



63.4233, 0.3140, 0.3019



80.6319, 0.3142, 0.2968



62.7902, 0.3228, 0.3148



13.9344, 0.3138, 0.3059



12.3209, 0.3205, 0.1539



0.8544, 0.3206, 0.1540

Previews

White Background



This preview shows how the Yxy color 71.0273, 0.3114, 0.3577 looks on a white background.

Color Contrast Check

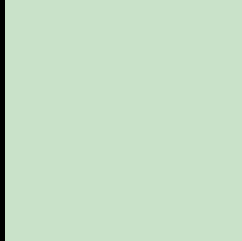
Large Text (above 18pt) WCAG AA × Fail

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 71.0273, 0.3114, 0.3577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

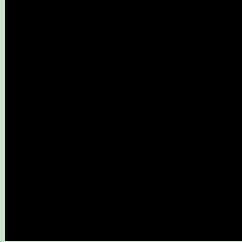
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

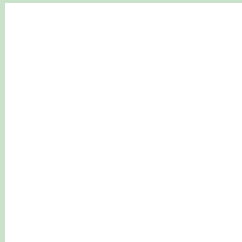
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.0273, 0.3114, 0.3577

Background



This preview shows how black text looks on a background with the Yxy color 71.0273, 0.3114, 0.3577.

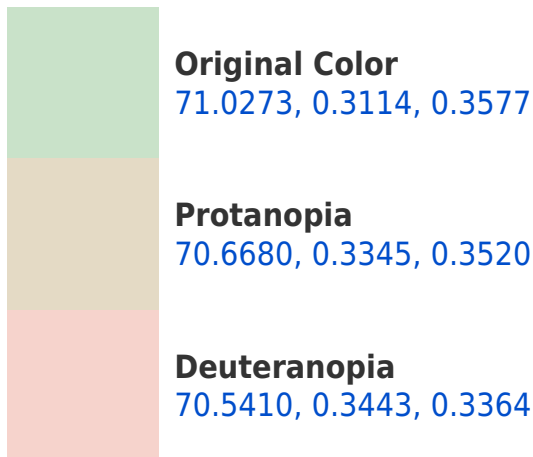


This preview shows how white text looks on a background with the Yxy color 71.0273, 0.3114, 0.3577.

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

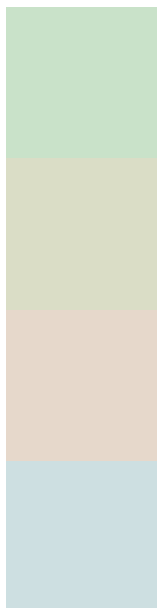




Tritanopia

71.1513, 0.2923, 0.3103

Trichromacy



Original Color

71.0273, 0.3114, 0.3577

Protanomaly

70.6955, 0.3259, 0.3547

Deuteranomaly

70.2465, 0.3321, 0.3432

Tritanomaly

71.1907, 0.2990, 0.3267

Monochromacy



Original Color

71.0273, 0.3114, 0.3577

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.7384, 0.3122, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0273, 0.3114, 0.3577 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, 226, 201)` looks like.

```
.text, #text, p{  
    color:rgb(201, 226, 201)  
}
```

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, 226, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 226, 201) }
```

Border

The CSS property to change the border of an element to Yxy 71.0273, 0.3114, 0.3577 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, 226, 201) }
```

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

```
.border{ border-color:rgb(201, 226, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 226, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 226, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 226, 201);  
box-shadow:4px 4px 4px 4px rgb(201, 226,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0273, 0.3114, 0.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 226, 201) }
```

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

```
.background{ background-color: rgb(201,  
226, 201) }
```

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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