

Converting Colors

$Yxy(70.8830, 0.3005, 0.3472)$

Have a look what the booklet for
Yxy(70.8830, 0.3005, 0.3472)
contains.

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Color

Yxy(71.1107, 0.3003, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	C2E3D3
RGB	194, 227, 211
RGB Percent	76%, 89%, 83%
CMY	0.2393, 0.1098, 0.1725
CMYK	0.15, 0.00, 0.07, 0.11
HSL	151°, 37%, 83%
HSV	151°, 15%, 89%
XYZ	61.4696, 71.1107, 72.1137
YIQ	215.3090, -14.5320, -11.9720

Conversions

Conversions Part 2

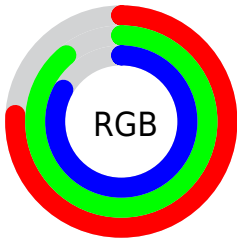
Format	Color
RYB	194, 216, 227
Decimal	12772307
CIELab	87.54, -13.90, 4.18
CIELCh	88, 14.511, 163.255
Yxy	71.1107, 0.3003, 0.3474
Android (android.graphics.Color)	4290962387 (0xFFC2E3D3)
YUV	215.3090, -2.1243, -18.6880
Hunter-Lab	84.3272, -17.4564, 8.3262

Details

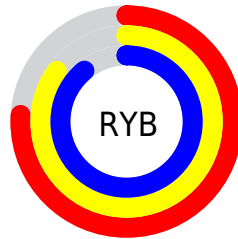
The Yxy color **71.1107, 0.3003, 0.3474** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.5567, 0.3272, 0.3113**, and the grayscale version is **68.1960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **37.5148, 0.2968, 0.3518** is the 20% darker color. If you saturate the color by 10%, you get **67.8033, 0.2922, 0.3618**, and if you desaturate by 10%, it is **74.9206, 0.3088, 0.3344**.

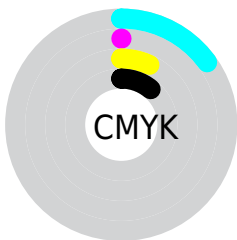
Distribution



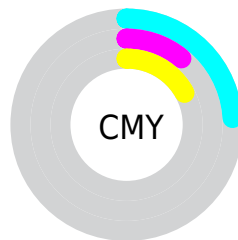
- Red (76%)
- Green (89%)
- Blue (83%)



- Red (76%)
- Yellow (85%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)





- Cyan (24%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1107, 0.3003, 0.3474 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 71.1107, 0.3003, 0.3474 by changing the saturation by 10% instead.


 71.1107, 0.3003,
0.3474

 71.1107, 0.3003,
0.3474

464.4403, 0.3061,
0.3387

 52.4325, 0.2989,
0.3494

 120.7913, 0.3023,
0.3444

 37.3500, 0.2973,
0.3519


152.5626, 0.3031,
0.3432

 25.4786, 0.2951,
0.3552

189.4670, 0.3038,
0.3422

 16.4340, 0.2923,
0.3595

231.8890, 0.3044,
0.3413

 9.8318, 0.2883,
0.3654

280.2129, 0.3049,
0.3405

 5.2875, 0.2825,
0.3743

334.8232, 0.3054,

 2.4169, 0.2730,

0.3399

0.3889

396.1042, 0.3058,
0.3393

0.8346, 0.2383,
0.4381

0.0000, 0.0000,
0.0000

71.1107, 0.3003,
0.3474

71.1107, 0.3003,
0.3474

67.8033, 0.2922,
0.3618

74.9206, 0.3088,
0.3344

64.9681, 0.2847,
0.3776

79.2442, 0.3174,
0.3229

62.5847, 0.2781,
0.3947

82.7366, 0.3211,
0.3124

60.6282, 0.2728,
0.4129

83.4247, 0.3140,
0.3019

■ 59.0708, 0.2692,
0.4318

■ 57.8814, 0.2674,
0.4510

■ 57.0242, 0.2676,
0.4699

■ 56.4554, 0.2698,
0.4882

■ 56.2291, 0.2716,
0.4977

Harmonies

Analogous

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



71.1107, 0.3178, 0.3578



71.1107, 0.3003, 0.3474



71.1107, 0.2864, 0.3318

Triad

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



71.1107, 0.3003, 0.3474



71.1107, 0.2910, 0.2994



71.1107, 0.3472, 0.3405

Complementary

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



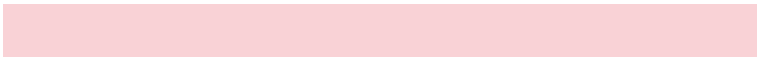
71.1107, 0.3003, 0.3474



59.5567, 0.3272, 0.3113

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.



71.1107, 0.3396, 0.3254



71.1107, 0.3003, 0.3474



71.1107, 0.3068, 0.3022

Square

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



71.1107, 0.3003, 0.3474



71.1107, 0.2811, 0.3042



71.1107, 0.3247, 0.3116



71.1107, 0.3452, 0.3532

Rectangle

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



71.1107, 0.3003, 0.3474



71.1107, 0.2808, 0.3209



71.1107, 0.3247, 0.3116



71.1107, 0.3457, 0.3356

Sweetspot

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



71.1137, 0.3003, 0.3474



97.8022, 0.3092, 0.3338



72.6126, 0.3225, 0.3663



20.8479, 0.3086, 0.3347



0.0000, 0.0000, 0.0000



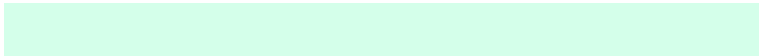
21.4041, 0.3127, 0.3290

Same Dimension

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



71.1137, 0.3003, 0.3474



91.4052, 0.2982, 0.3509



71.9572, 0.2906, 0.3289



16.2126, 0.3046, 0.3406



32.8128, 0.2709, 0.4951



2.4435, 0.2636, 0.4690

Inverse Universe

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



59.5567, 0.3272, 0.3113



74.0358, 0.3302, 0.3081



58.7982, 0.3397, 0.3291



14.4838, 0.3217, 0.3177



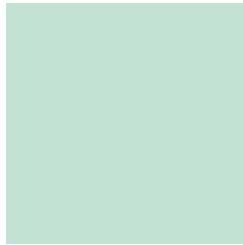
10.2042, 0.5019, 0.2539



0.7728, 0.4685, 0.2354

Previews

White Background



This preview shows how the Yxy color 71.1107, 0.3003, 0.3474 looks on a white background.

Color Contrast Check

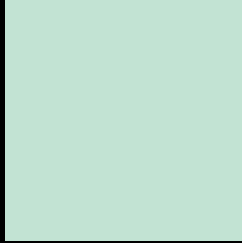
Large Text (above 18pt) WCAG AA × Fail

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 71.1107, 0.3003, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

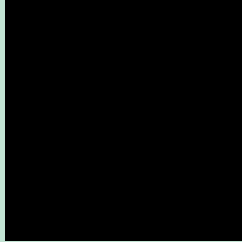
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

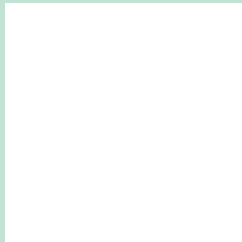
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1107, 0.3003, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 71.1107, 0.3003, 0.3474.

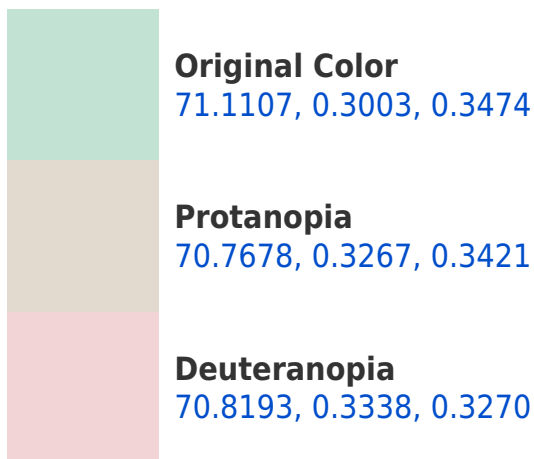


This preview shows how white text looks on a background with the Yxy color 71.1107, 0.3003, 0.3474.

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

71.2087, 0.2860, 0.3101

Trichromacy



Original Color

71.1107, 0.3003, 0.3474

Protanomaly

70.5631, 0.3163, 0.3435

Deuteranomaly

70.4374, 0.3213, 0.3334

Tritanomaly

70.8388, 0.2913, 0.3233

Monochromacy



Original Color

71.1107, 0.3003, 0.3474

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.7835, 0.3075, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1107, 0.3003, 0.3474 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(194, 227, 211)` looks like.

```
.text, #text, p{  
    color:rgb(194, 227, 211)  
}
```

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(194, 227, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 227, 211) }
```

Border

The CSS property to change the border of an element to Yxy 71.1107, 0.3003, 0.3474 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(194, 227, 211) }
```

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

```
.border{ border-color:rgb(194, 227, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 227, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 227, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 227, 211);  
box-shadow:4px 4px 4px 4px rgb(194, 227,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1107, 0.3003, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 227, 211) }
```

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

```
.background{ background-color: rgb(194,  
227, 211) }
```

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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