

Converting Colors

$Yxy(71.2751, 0.3025, 0.3457)$

Have a look what the booklet for
Yxy(71.2751, 0.3025, 0.3457)
contains.

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Color

Yxy(71.1519, 0.3024, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	C6E2D4
RGB	198, 226, 212
RGB Percent	78%, 89%, 83%
CMY	0.2235, 0.1137, 0.1687
CMYK	0.12, 0.00, 0.06, 0.11
HSL	150°, 33%, 83%
HSV	150°, 12%, 89%
XYZ	62.3662, 71.1519, 72.7193
YIQ	216.0320, -12.1940, -10.2900

Conversions

Conversions Part 2

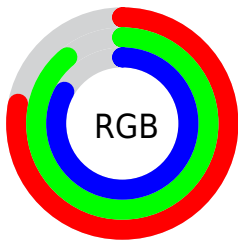
Format	Color
RYB	198, 217, 226
Decimal	13034196
CIELab	87.56, -11.89, 3.73
CIELCh	88, 12.461, 162.589
Yxy	71.1519, 0.3024, 0.3450
Android (android.graphics.Color)	4291224276 (0xFFC6E2D4)
YUV	216.0320, -1.9878, -15.8141
Hunter-Lab	84.3516, -15.6395, 7.9323

Details

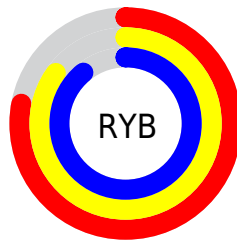
The Yxy color **71.1519, 0.3024, 0.3450** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.3131, 0.3244, 0.3135**, and the grayscale version is **68.7130, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4894, 0.3002, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **67.7580, 0.2944, 0.3596**, and if you desaturate by 10%, it is **75.0501, 0.3107, 0.3319**.

Distribution



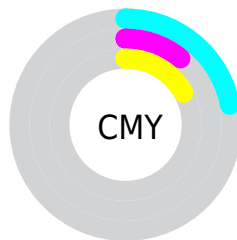
- Red (78%)
- Green (89%)
- Blue (83%)



- Red (78%)
- Yellow (85%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)





- Cyan (22%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1519, 0.3024, 0.3450 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 71.1519, 0.3024, 0.3450 by changing the saturation by 10% instead.


 71.1519, 0.3024,
0.3450

 71.1519, 0.3024,
0.3450


464.5843, 0.3072,
0.3375

 52.4662, 0.3013,
0.3468


120.8500, 0.3041,
0.3424

 37.3768, 0.2999,
0.3489


152.6311, 0.3047,
0.3413

 25.4994, 0.2981,
0.3517


189.5462, 0.3053,
0.3405

 16.4495, 0.2957,
0.3554

231.9796, 0.3058,
0.3397

 9.8428, 0.2925,
0.3606

280.3157, 0.3062,
0.3391

 5.2948, 0.2876,
0.3682

334.9389, 0.3066,

 2.4213, 0.2798,

0.3385

0.3807

396.2336, 0.3069,
0.3379

0.8368, 0.2535,
0.4200

0.0000, 0.0000,
0.0000

71.1519, 0.3024,
0.3450

71.1519, 0.3024,
0.3450

67.7580, 0.2944,
0.3596

75.0501, 0.3107,
0.3319

64.8383, 0.2869,
0.3757

79.4635, 0.3191,
0.3203

62.3733, 0.2803,
0.3931

82.3068, 0.3199,
0.3095

60.3385, 0.2748,
0.4117

82.8767, 0.3140,
0.3009

■ 58.7071, 0.2709,
0.4311

■ 57.4491, 0.2688,
0.4510

■ 56.5300, 0.2687,
0.4706

■ 55.9084, 0.2707,
0.4895

■ 55.5846, 0.2731,
0.5032

Harmonies

Analogous

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



71.1519, 0.3175, 0.3537



71.1519, 0.3024, 0.3450



71.1519, 0.2903, 0.3318

Triad

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



71.1519, 0.3024, 0.3450



71.1519, 0.2938, 0.3035



71.1519, 0.3422, 0.3388

Complementary

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



71.1519, 0.3024, 0.3450



61.3131, 0.3244, 0.3135

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.



71.1519, 0.3356, 0.3257



71.1519, 0.3024, 0.3450



71.1519, 0.3074, 0.3057

Square

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



71.1519, 0.3024, 0.3450



71.1519, 0.2854, 0.3079



71.1519, 0.3227, 0.3138



71.1519, 0.3407, 0.3497

Rectangle

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



71.1519, 0.3024, 0.3450



71.1519, 0.2854, 0.3225



71.1519, 0.3227, 0.3138



71.1519, 0.3409, 0.3345

Sweetspot

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



71.1549, 0.3024, 0.3450



97.7918, 0.3093, 0.3340



72.5410, 0.3214, 0.3605



20.8452, 0.3087, 0.3349



0.0000, 0.0000, 0.0000



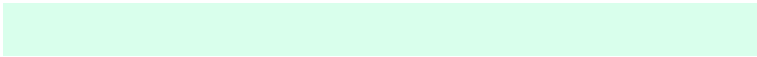
21.4041, 0.3127, 0.3290

Same Dimension

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



71.1549, 0.3024, 0.3450



92.2804, 0.3002, 0.3488



71.8683, 0.2941, 0.3295



15.4508, 0.3048, 0.3410



31.7327, 0.2723, 0.5004



2.2176, 0.2645, 0.4722

Inverse Universe

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



61.3131, 0.3244, 0.3135



76.8077, 0.3274, 0.3100



60.6570, 0.3348, 0.3285



13.8145, 0.3214, 0.3173



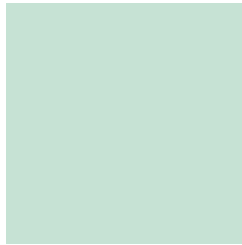
9.9310, 0.4948, 0.2499



0.7064, 0.4608, 0.2312

Previews

White Background



This preview shows how the Yxy color 71.1519, 0.3024, 0.3450 looks on a white background.

Color Contrast Check

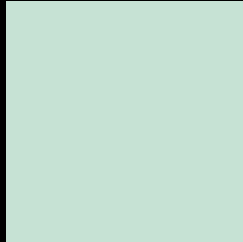
Large Text (above 18pt) WCAG AA × Fail

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 71.1519, 0.3024, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

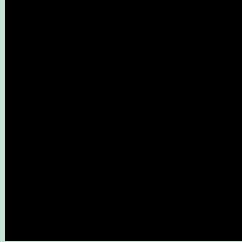
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

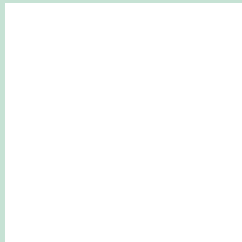
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1519, 0.3024, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 71.1519, 0.3024, 0.3450.

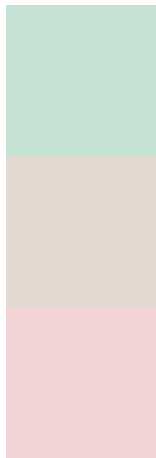


This preview shows how white text looks on a background with the Yxy color 71.1519, 0.3024, 0.3450.

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



Original Color

71.1519, 0.3024, 0.3450

Protanopia

70.8656, 0.3253, 0.3399

Deuteranopia

70.8705, 0.3331, 0.3259



Tritanopia

71.2303, 0.2885, 0.3092

Trichromacy



Original Color

71.1519, 0.3024, 0.3450

Protanomaly

70.9153, 0.3171, 0.3423

Deuteranomaly

70.6495, 0.3213, 0.3323

Tritanomaly

70.9060, 0.2933, 0.3211

Monochromacy



Original Color

71.1519, 0.3024, 0.3450

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.6480, 0.3082, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1519, 0.3024, 0.3450 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(198, 226, 212)` looks like.

```
.text, #text, p{  
    color:rgb(198, 226, 212)  
}
```

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(198, 226, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 226, 212) }
```

Border

The CSS property to change the border of an element to Yxy 71.1519, 0.3024, 0.3450 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(198, 226, 212) }
```

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

```
.border{ border-color:rgb(198, 226, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 226, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 226, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 226, 212);  
box-shadow:4px 4px 4px 4px rgb(198, 226,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1519, 0.3024, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 226, 212) }
```

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

```
.background{ background-color: rgb(198,  
226, 212) }
```

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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