

Converting Colors

$Yxy(71.2212, 0.3020, 0.3576)$

Have a look what the booklet for
Yxy(71.2212, 0.3020, 0.3576)
contains.

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Color

Yxy(71.3454, 0.3019, 0.3581)

Conversions

Conversions Part 1

Format	Color
Hex	BEE5CC
RGB	190, 229, 204
RGB Percent	75%, 90%, 80%
CMY	0.2550, 0.1019, 0.1999
CMYK	0.17, 0.00, 0.11, 0.10
HSL	142°, 43%, 82%
HSV	142°, 17%, 90%
XYZ	60.1485, 71.3454, 67.7393
YIQ	214.4890, -15.2190, -16.0430

Conversions

Conversions Part 2

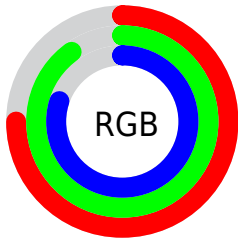
Format	Color
RYB	190, 219, 229
Decimal	12510668
CIELab	87.65, -17.51, 7.98
CIELCh	88, 19.238, 155.506
Yxy	71.3454, 0.3019, 0.3581
Android (android.graphics.Color)	4290700748 (0xFFBEE5CC)
YUV	214.4890, -5.1711, -21.4769
Hunter-Lab	84.4662, -20.7058, 11.5776

Details

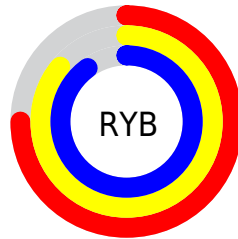
The Yxy color **71.3454, 0.3019, 0.3581** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.3755, 0.3254, 0.3016**, and the grayscale version is **67.6333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **37.3234, 0.2989, 0.3646** is the 20% darker color. If you saturate the color by 10%, you get **67.9575, 0.2958, 0.3779**, and if you desaturate by 10%, it is **75.2688, 0.3082, 0.3403**.

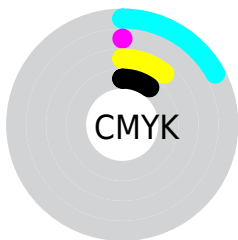
Distribution



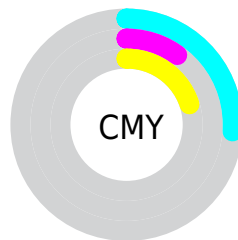
- Red (75%)
- Green (90%)
- Blue (80%)



- Red (75%)
- Yellow (86%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)




- Cyan (26%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3454, 0.3019, 0.3581 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 71.3454, 0.3019, 0.3581 by changing the saturation by 10% instead.

 71.3454, 0.3019,
0.3581

 71.3454, 0.3019,
0.3581


465.2600, 0.3071,
0.3443

 52.6241, 0.3007,
0.3613


 121.1254, 0.3037,
0.3532

 37.5028, 0.2991,
0.3654


152.9529, 0.3044,
0.3514

 25.5970, 0.2972,
0.3706


189.9180, 0.3050,
0.3498

 16.5224, 0.2945,
0.3776

232.4049, 0.3055,
0.3484

 9.8946, 0.2908,
0.3874

280.7982, 0.3060,
0.3472

 5.3291, 0.2851,
0.4021

335.4822, 0.3064,

 2.4416, 0.2756,

0.3461

396.8413, 0.3068,
0.3451

0.4265

0.8472, 0.2377,
0.5329

0.0000, 0.0000,
0.0000

71.3454, 0.3019,
0.3581

71.3454, 0.3019,
0.3581

67.9575, 0.2958,
0.3779

75.2688, 0.3082,
0.3403

65.0727, 0.2903,
0.3997

79.7406, 0.3146,
0.3246

62.6688, 0.2856,
0.4231

84.0821, 0.3184,
0.3105

60.7183, 0.2820,
0.4477

84.5252, 0.3139,
0.3039

■ 59.1911, 0.2799,
0.4728

■ 58.0529, 0.2795,
0.4974

■ 57.2639, 0.2810,
0.5205

■ 56.7730, 0.2841,
0.5410

■ 56.6611, 0.2852,
0.5465

Harmonies

Analogous

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



71.3454, 0.3253, 0.3693



71.3454, 0.3019, 0.3581



71.3454, 0.2819, 0.3383

Triad

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



71.3454, 0.3019, 0.3581



71.3454, 0.2797, 0.2907



71.3454, 0.3571, 0.3389

Complementary

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



71.3454, 0.3019, 0.3581



58.3755, 0.3254, 0.3016

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.



71.3454, 0.3440, 0.3191



71.3454, 0.3019, 0.3581



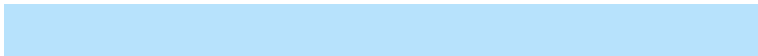
71.3454, 0.2989, 0.2920

Square

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



71.3454, 0.3019, 0.3581



71.3454, 0.2695, 0.2993



71.3454, 0.3225, 0.3023



71.3454, 0.3578, 0.3570

Rectangle

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



71.3454, 0.3019, 0.3581



71.3454, 0.2730, 0.3235



71.3454, 0.3225, 0.3023



71.3454, 0.3540, 0.3322

Sweetspot

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



71.3484, 0.3019, 0.3581



97.1470, 0.3095, 0.3370



74.2608, 0.3284, 0.3726



20.7107, 0.3091, 0.3381



0.0000, 0.0000, 0.0000



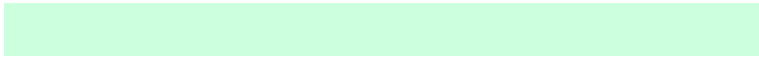
21.4041, 0.3127, 0.3290

Same Dimension

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



71.3484, 0.3019, 0.3581



89.6505, 0.3000, 0.3640



72.3239, 0.2904, 0.3356



16.1745, 0.3067, 0.3444



32.4132, 0.2844, 0.5437



2.4125, 0.2761, 0.5140

Inverse Universe

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



58.3755, 0.3254, 0.3016



70.5392, 0.3281, 0.2964



57.4489, 0.3406, 0.3225



14.5225, 0.3193, 0.3141



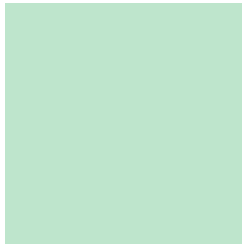
10.7447, 0.4375, 0.2184



0.8116, 0.4160, 0.2065

Previews

White Background



This preview shows how the Yxy color 71.3454, 0.3019, 0.3581 looks on a white background.

Color Contrast Check

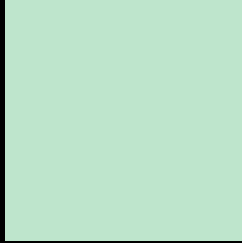
Large Text (above 18pt) WCAG AA × Fail

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 71.3454, 0.3019, 0.3581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

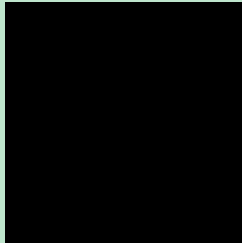
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

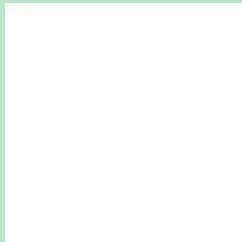
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3454, 0.3019, 0.3581

Background



This preview shows how black text looks on a background with the Yxy color 71.3454, 0.3019, 0.3581.

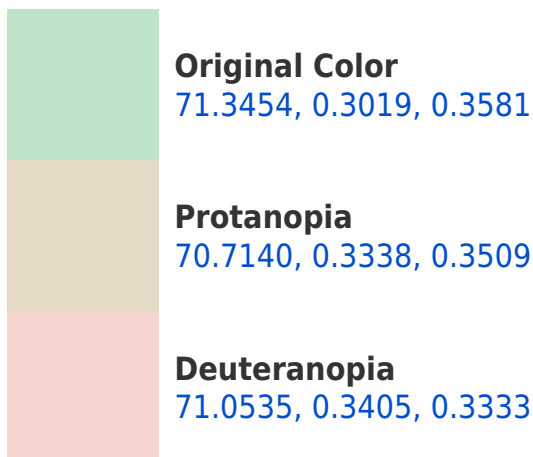


This preview shows how white text looks on a background with the Yxy color 71.3454, 0.3019, 0.3581.

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

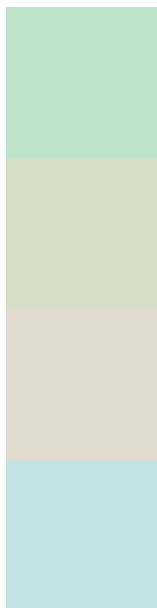




Tritanopia

71.5325, 0.2842, 0.3101

Trichromacy



Original Color

71.3454, 0.3019, 0.3581

Protanomaly

70.7088, 0.3216, 0.3537

Deuteranomaly

70.6554, 0.3253, 0.3411

Tritanomaly

71.4635, 0.2900, 0.3267

Monochromacy



Original Color

71.3454, 0.3019, 0.3581

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.2953, 0.3087, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3454, 0.3019, 0.3581 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(190, 229, 204)` looks like.

```
.text, #text, p{  
    color:rgb(190, 229, 204)  
}
```

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(190, 229, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 229, 204) }
```

Border

The CSS property to change the border of an element to Yxy 71.3454, 0.3019, 0.3581 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(190, 229, 204) }
```

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

```
.border{ border-color:rgb(190, 229, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 229, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 229, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 229, 204); box-shadow:4px 4px 4px 4px rgb(190, 229, 204) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3454, 0.3019, 0.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 229, 204) }
```

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

```
.background{ background-color: rgb(190,  
229, 204) }
```

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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