

Converting Colors

$Yxy(72.0074, 0.2945, 0.3442)$

Have a look what the booklet for
Yxy(72.0074, 0.2945, 0.3442)
contains.

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Color

Yxy(71.9436, 0.2947, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	BEE5D8
RGB	190, 229, 216
RGB Percent	75%, 90%, 85%
CMY	0.2549, 0.1020, 0.1529
CMYK	0.17, 0.00, 0.06, 0.10
HSL	160°, 43%, 82%
HSV	160°, 17%, 90%
XYZ	61.6510, 71.9436, 75.6046
YIQ	215.8570, -19.0710, -12.3110

Conversions

Conversions Part 2

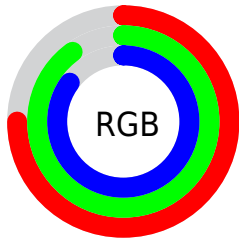
Format	Color
RYB	190, 213, 229
Decimal	12510680
CIELab	87.94, -15.21, 2.11
CIELCh	88, 15.352, 172.114
Yxy	71.9436, 0.2947, 0.3439
Android (android.graphics.Color)	4290700760 (0xFFBEE5D8)
YUV	215.8570, 0.0705, -22.6766
Hunter-Lab	84.8196, -18.6918, 6.5251

Details

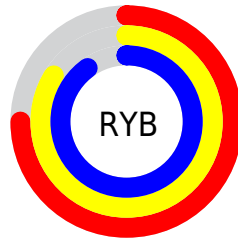
The Yxy color **71.9436, 0.2947, 0.3439** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.8021, 0.3348, 0.3146**, and the grayscale version is **68.5791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **37.6946, 0.2904, 0.3472** is the 20% darker color. If you saturate the color by 10%, you get **68.8398, 0.2848, 0.3539**, and if you desaturate by 10%, it is **75.5350, 0.3052, 0.3348**.

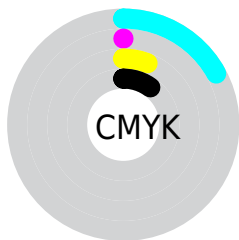
Distribution



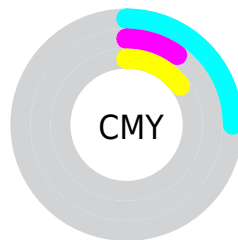
- Red (75%)
- Green (90%)
- Blue (85%)



- Red (75%)
- Yellow (84%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)




- Cyan (25%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9436, 0.2947, 0.3439 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 71.9436, 0.2947, 0.3439 by changing the saturation by 10% instead.

 71.9436, 0.2947,
0.3439

 71.9436, 0.2947,
0.3439


467.3453, 0.3031,
0.3369

 53.1126, 0.2928,
0.3455

 121.9763, 0.2976,
0.3415

 37.8927, 0.2904,
0.3475


153.9469, 0.2988,
0.3405

 25.8994, 0.2873,
0.3501

191.0660, 0.2997,
0.3397

 16.7484, 0.2833,
0.3534

233.7183, 0.3006,
0.3390

 10.0553, 0.2779,
0.3581

282.2879, 0.3013,
0.3384

 5.4356, 0.2699,
0.3650

337.1593, 0.3020,

 2.5051, 0.2571,

0.3379

398.7170, 0.3026,
0.3374

0.3760

0.8792, 0.2156,
0.4082

0.0000, 0.0000,
0.0000

71.9436, 0.2947,
0.3439

71.9436, 0.2947,
0.3439

68.8398, 0.2848,
0.3539

75.5350, 0.3052,
0.3348

66.1929, 0.2759,
0.3647

79.6255, 0.3159,
0.3267


63.9822, 0.2681,
0.3763


83.5265, 0.3243,
0.3193


62.1821, 0.2619,
0.3885

83.9871, 0.3193,
0.3119


 60.7642, 0.2574,
0.4012


 84.4670, 0.3144,
0.3046

 59.6962, 0.2549,
0.4141

 84.5200, 0.3139,
0.3039

 58.9405, 0.2544,
0.4270

 58.4482, 0.2559,
0.4397

 58.3288, 0.2565,
0.4434

Harmonies

Analogous

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



71.9436, 0.3125, 0.3570



71.9436, 0.2947, 0.3439



71.9436, 0.2819, 0.3268

Triad

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



71.9436, 0.2947, 0.3439



71.9436, 0.2942, 0.2979



71.9436, 0.3496, 0.3455

Complementary

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



71.9436, 0.2947, 0.3439



57.8021, 0.3348, 0.3146

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.



71.9436, 0.3444, 0.3300



71.9436, 0.2947, 0.3439



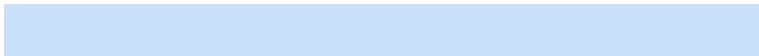
71.9436, 0.3121, 0.3031

Square

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



71.9436, 0.2947, 0.3439



71.9436, 0.2816, 0.3005



71.9436, 0.3306, 0.3146



71.9436, 0.3445, 0.3573

Rectangle

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



71.9436, 0.2947, 0.3439



71.9436, 0.2778, 0.3157



71.9436, 0.3306, 0.3146



71.9436, 0.3490, 0.3405

Sweetspot

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



71.9466, 0.2947, 0.3439



97.3908, 0.3073, 0.3331



72.5472, 0.3200, 0.3737



20.7700, 0.3065, 0.3337



0.0000, 0.0000, 0.0000



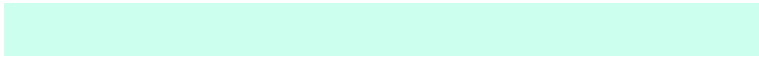
21.4041, 0.3127, 0.3290

Same Dimension

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



71.9466, 0.2947, 0.3439



90.5303, 0.2916, 0.3469



69.4633, 0.2867, 0.3223



16.2504, 0.3026, 0.3370



33.3719, 0.2560, 0.4415



2.4831, 0.2508, 0.4230

Inverse Universe

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



57.8021, 0.3348, 0.3146



69.6663, 0.3397, 0.3118



59.7930, 0.3442, 0.3356



14.4469, 0.3240, 0.3212



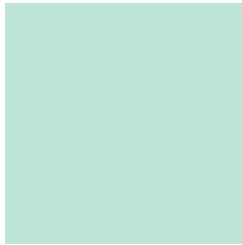
9.8453, 0.5634, 0.2878



0.7443, 0.5223, 0.2651

Previews

White Background



This preview shows how the Yxy color 71.9436, 0.2947, 0.3439 looks on a white background.

Color Contrast Check

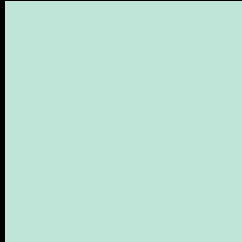
Large Text (above 18pt) WCAG AA × Fail

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 71.9436, 0.2947, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

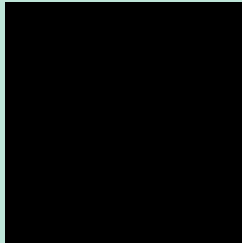
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

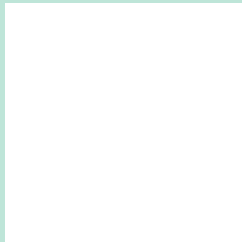
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9436, 0.2947, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 71.9436, 0.2947, 0.3439.

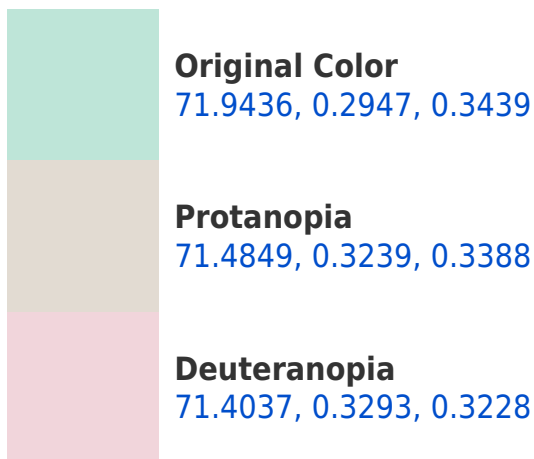


This preview shows how white text looks on a background with the Yxy color 71.9436, 0.2947, 0.3439.

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

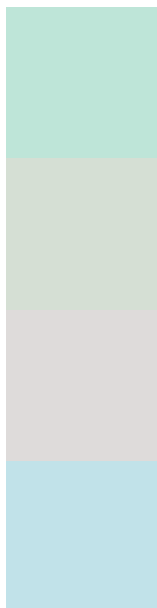




Tritanopia

71.9236, 0.2819, 0.3090

Trichromacy



Original Color

71.9436, 0.2947, 0.3439

Protanomaly

71.6750, 0.3128, 0.3412

Deuteranomaly

71.2546, 0.3155, 0.3301

Tritanomaly

71.6134, 0.2865, 0.3211

Monochromacy



Original Color

71.9436, 0.2947, 0.3439

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.9362, 0.3061, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9436, 0.2947, 0.3439 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(190, 229, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 229, 216) }
```

Border

The CSS property to change the border of an element to Yxy 71.9436, 0.2947, 0.3439 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, 216) }
```

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

```
.border{ border-color:rgb(190, 229, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 229, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 229, 216);  
box-shadow:4px 4px 4px 4px rgb(190, 229,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9436, 0.2947, 0.3439 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, 216) }
```

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

```
.background{ background-color: rgb(190,  
229, 216) }
```

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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