

Converting Colors

$Yxy(73.1664, 0.3011, 0.3595)$

Have a look what the booklet for
Yxy(73.1664, 0.3011, 0.3595)
contains.

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Color

Yxy(73.1166, 0.3007, 0.3591)

Conversions

Conversions Part 1

Format	Color
Hex	BEE8CE
RGB	190, 232, 206
RGB Percent	75%, 91%, 81%
CMY	0.2550, 0.0901, 0.1922
CMYK	0.18, 0.00, 0.11, 0.09
HSL	143°, 48%, 83%
HSV	143°, 18%, 91%
XYZ	61.2257, 73.1166, 69.2684
YIQ	216.4780, -16.6860, -16.9900

Conversions

Conversions Part 2

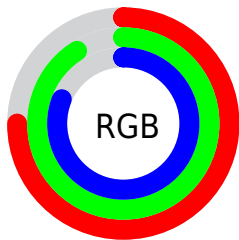
Format	Color
RYB	190, 220, 232
Decimal	12511438
CIELab	88.50, -18.63, 8.17
CIELCh	89, 20.338, 156.322
Yxy	73.1166, 0.3007, 0.3591
Android (android.graphics.Color)	4290701518 (0xFFBEE8CE)
YUV	216.4780, -5.1657, -23.2212
Hunter-Lab	85.5082, -21.8296, 11.8262

Details

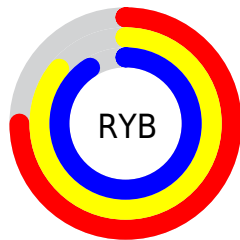
The Yxy color **73.1166, 0.3007, 0.3591** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.9315, 0.3270, 0.3007**, and the grayscale version is **69.0547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **38.5519, 0.2974, 0.3658** is the 20% darker color. If you saturate the color by 10%, you get **69.7001, 0.2944, 0.3785**, and if you desaturate by 10%, it is **77.0786, 0.3073, 0.3417**.

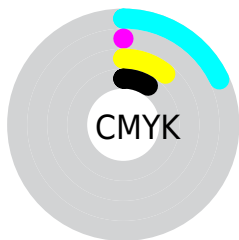
Distribution



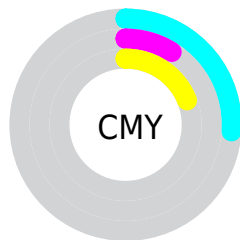
- Red (75%)
- Green (91%)
- Blue (81%)



- Red (75%)
- Yellow (86%)
- Blue (91%)



- Cyan (18%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)





- Cyan (26%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1166, 0.3007, 0.3591 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 73.1166, 0.3007, 0.3591 by changing the saturation by 10% instead.

 73.1166, 0.3007,
0.3591

 73.1166, 0.3007,
0.3591


471.4188, 0.3064,
0.3449

 54.0713, 0.2994,
0.3624


 123.6427, 0.3027,
0.3541

 38.6587, 0.2977,
0.3666

155.8924, 0.3035,
0.3522

 26.4943, 0.2955,
0.3719


193.3122, 0.3042,
0.3505

 17.1938, 0.2926,
0.3791


236.2867, 0.3047,
0.3491

 10.3728, 0.2886,
0.3890

285.2002, 0.3052,
0.3478

 5.6468, 0.2825,
0.4038

340.4371, 0.3057,

 2.6315, 0.2724,

0.3467

0.4282

402.3819, 0.3061,
0.3457

0.9425, 0.2396,
0.5132

0.0000, 0.0000,
0.0000

73.1166, 0.3007,
0.3591

73.1166, 0.3007,
0.3591

69.7001, 0.2944,
0.3785

77.0786, 0.3073,
0.3417

66.7957, 0.2887,
0.3997

81.5994, 0.3140,
0.3262

64.3804, 0.2839,
0.4225

85.8248, 0.3175,
0.3124

62.4259, 0.2803,
0.4464

86.2003, 0.3138,
0.3068

■ 60.9007, 0.2782,
0.4708

■ 59.7693, 0.2780,
0.4946

■ 58.9900, 0.2796,
0.5171

■ 58.5050, 0.2829,
0.5373

■ 58.4310, 0.2836,
0.5408

Harmonies

Analogous

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



73.1166, 0.3252, 0.3712



73.1166, 0.3007, 0.3591



73.1166, 0.2800, 0.3381

Triad

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



73.1166, 0.3007, 0.3591



73.1166, 0.2786, 0.2888



73.1166, 0.3595, 0.3398

Complementary

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



73.1166, 0.3007, 0.3591



58.9315, 0.3270, 0.3007

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.



73.1166, 0.3461, 0.3192



73.1166, 0.3007, 0.3591



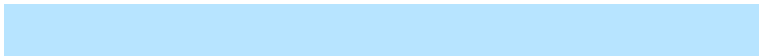
73.1166, 0.2988, 0.2905

Square

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



73.1166, 0.3007, 0.3591



73.1166, 0.2676, 0.2974



73.1166, 0.3236, 0.3015



73.1166, 0.3598, 0.3587

Rectangle

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



73.1166, 0.3007, 0.3591



73.1166, 0.2708, 0.3225



73.1166, 0.3236, 0.3015



73.1166, 0.3564, 0.3329

Sweetspot

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



73.1197, 0.3007, 0.3591



97.1635, 0.3094, 0.3367



76.1271, 0.3289, 0.3756



20.7147, 0.3089, 0.3378



0.0000, 0.0000, 0.0000



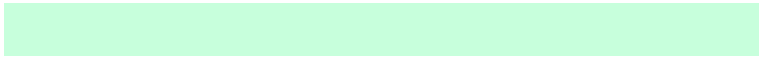
21.4041, 0.3127, 0.3290

Same Dimension

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



73.1197, 0.3007, 0.3591



88.8299, 0.2981, 0.3666



74.1775, 0.2887, 0.3353



16.1796, 0.3064, 0.3439



32.4573, 0.2827, 0.5378



2.4161, 0.2745, 0.5082

Inverse Universe

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



58.9315, 0.3270, 0.3007



67.9803, 0.3308, 0.2942



57.9400, 0.3433, 0.3229



14.5173, 0.3196, 0.3145



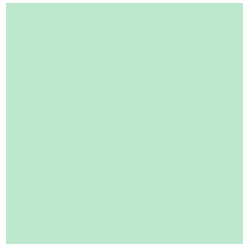
10.6612, 0.4459, 0.2230



0.8058, 0.4227, 0.2103

Previews

White Background



This preview shows how the Yxy color 73.1166, 0.3007, 0.3591 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 73.1166, 0.3007, 0.3591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

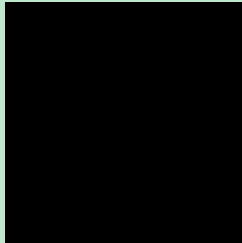
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

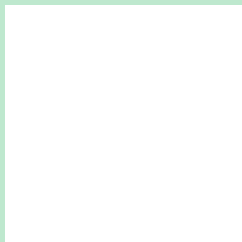
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1166, 0.3007, 0.3591

Background



This preview shows how black text looks on a background with the Yxy color 73.1166, 0.3007, 0.3591.

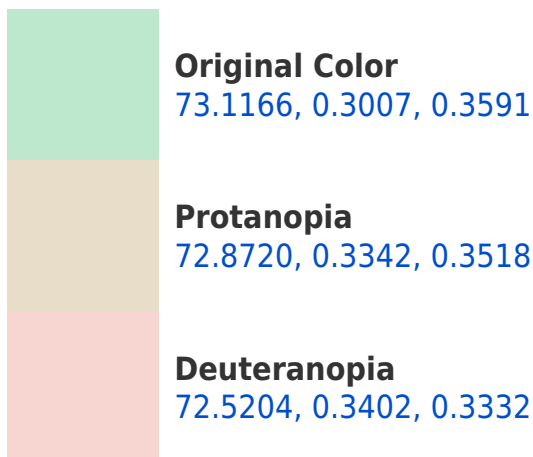


This preview shows how white text looks on a background with the Yxy color 73.1166, 0.3007, 0.3591.

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

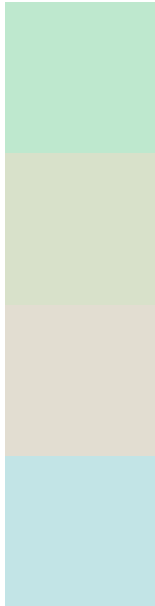




Tritanopia

72.7947, 0.2826, 0.3091

Trichromacy



Original Color

73.1166, 0.3007, 0.3591

Protanomaly

72.7136, 0.3214, 0.3546

Deuteranomaly

72.4851, 0.3243, 0.3421

Tritanomaly

72.6693, 0.2889, 0.3267

Monochromacy



Original Color

73.1166, 0.3007, 0.3591

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

70.2614, 0.3087, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1166, 0.3007, 0.3591 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, 232, 206)` looks like.

```
.text, #text, p{  
    color:rgb(190, 232, 206)  
}
```

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, 232, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 232, 206) }
```

Border

The CSS property to change the border of an element to Yxy 73.1166, 0.3007, 0.3591 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, 232, 206) }
```

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

```
.border{ border-color:rgb(190, 232, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 232, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 232, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 232, 206);  
box-shadow:4px 4px 4px 4px rgb(190, 232,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1166, 0.3007, 0.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 232, 206) }
```

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

```
.background{ background-color: rgb(190,  
232, 206) }
```

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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