

Converting Colors

$Yxy(73.4071, 0.3016, 0.3530)$

Have a look what the booklet for
Yxy(73.4071, 0.3016, 0.3530)
contains.

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Color

Yxy(73.4071, 0.3016, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	C3E7D2
RGB	195, 231, 210
RGB Percent	76%, 91%, 82%
CMY	0.2352, 0.0941, 0.1765
CMYK	0.16, 0.00, 0.09, 0.09
HSL	145°, 43%, 84%
HSV	145°, 16%, 91%
XYZ	62.7184, 73.4071, 71.8267
YIQ	217.8420, -14.7150, -14.1630

Conversions

Conversions Part 2

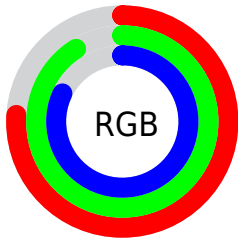
Format	Color
RYB	195, 220, 231
Decimal	12838866
CIELab	88.64, -15.74, 6.31
CIElCh	89, 16.960, 158.144
Yxy	73.4071, 0.3016, 0.3530
Android (android.graphics.Color)	4291028946 (0xFFC3E7D2)
YUV	217.8420, -3.8661, -20.0324
Hunter-Lab	85.6779, -19.2700, 10.2698

Details

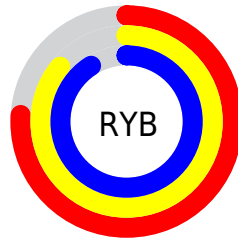
The Yxy color **73.4071, 0.3016, 0.3530** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.9924, 0.3257, 0.3062**, and the grayscale version is **70.0357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **38.7230, 0.2985, 0.3577** is the 20% darker color. If you saturate the color by 10%, you get **69.9224, 0.2948, 0.3707**, and if you desaturate by 10%, it is **77.4308, 0.3087, 0.3371**.

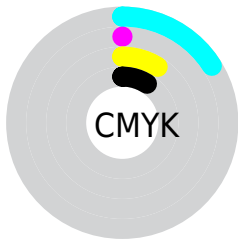
Distribution



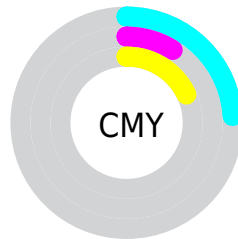
- Red (76%)
- Green (91%)
- Blue (82%)



- Red (76%)
- Yellow (86%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.4071, 0.3016, 0.3530 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 73.4071, 0.3016, 0.3530 by changing the saturation by 10% instead.

73.4071, 0.3016,
0.3530

73.4071, 0.3016,
0.3530

472.4245, 0.3068,
0.3417

54.3089, 0.3004,
0.3556

124.0550, 0.3034,
0.3490

38.8487, 0.2989,
0.3589

156.3734, 0.3041,
0.3475

26.6420, 0.2969,
0.3631

193.8675, 0.3048,
0.3462

17.3046, 0.2943,
0.3687

236.9214, 0.3053,
0.3451

10.4519, 0.2907,
0.3764

285.9197, 0.3057,
0.3441

5.6996, 0.2854,
0.3879

341.2467, 0.3062,

2.6633, 0.2767,

0.3432

0.4066

403.2869, 0.3065,
0.3424

0.9586, 0.2520,
0.4600

0.0000, 0.0000,
0.0000

73.4071, 0.3016,
0.3530

73.4071, 0.3016,
0.3530

69.9224, 0.2948,
0.3707

77.4308, 0.3087,
0.3371

66.9440, 0.2885,
0.3902

82.0058, 0.3159,
0.3230

64.4503, 0.2830,
0.4113

85.3433, 0.3167,
0.3101

62.4140, 0.2788,
0.4336

85.6316, 0.3138,
0.3058

■ 60.8053, 0.2761,
0.4566

■ 59.5904, 0.2752,
0.4796

■ 58.7304, 0.2762,
0.5016

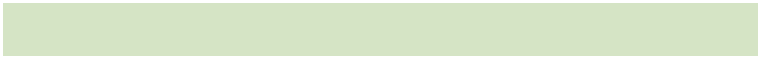
■ 58.1776, 0.2791,
0.5220

■ 57.9972, 0.2807,
0.5304

Harmonies

Analogous

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



73.4071, 0.3220, 0.3636



73.4071, 0.3016, 0.3530



73.4071, 0.2845, 0.3354

Triad

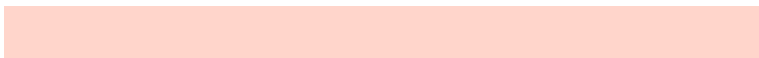
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4071, 0.3016, 0.3530



73.4071, 0.2851, 0.2952



73.4071, 0.3520, 0.3393

Complementary

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



73.4071, 0.3016, 0.3530



60.9924, 0.3257, 0.3062

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.



73.4071, 0.3414, 0.3219



73.4071, 0.3016, 0.3530



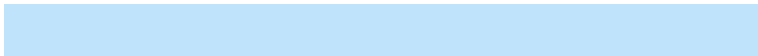
73.4071, 0.3024, 0.2970

Square

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



73.4071, 0.3016, 0.3530



73.4071, 0.2752, 0.3021



73.4071, 0.3231, 0.3067



73.4071, 0.3515, 0.3547

Rectangle

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



73.4071, 0.3016, 0.3530



73.4071, 0.2772, 0.3227



73.4071, 0.3231, 0.3067



73.4071, 0.3496, 0.3335

Sweetspot

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



73.4102, 0.3016, 0.3530



97.1910, 0.3091, 0.3363



75.7854, 0.3258, 0.3689



20.7214, 0.3086, 0.3373



0.0000, 0.0000, 0.0000



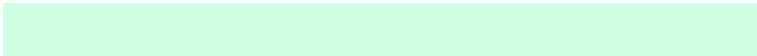
21.4041, 0.3127, 0.3290

Same Dimension

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



73.4102, 0.3016, 0.3530



90.2500, 0.2991, 0.3591



74.3260, 0.2912, 0.3330



16.1881, 0.3059, 0.3430



32.5376, 0.2798, 0.5274



2.4226, 0.2718, 0.4983

Inverse Universe

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



60.9924, 0.3257, 0.3062



71.6576, 0.3291, 0.3008



60.1385, 0.3392, 0.3251



14.5085, 0.3201, 0.3154



10.5293, 0.4601, 0.2308



0.7965, 0.4343, 0.2166

Previews

White Background



This preview shows how the Yxy color 73.4071, 0.3016, 0.3530 looks on a white background.

Color Contrast Check

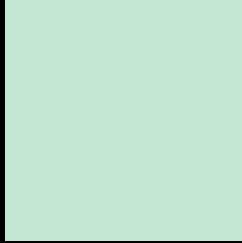
Large Text (above 18pt) WCAG AA × Fail

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 73.4071, 0.3016, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

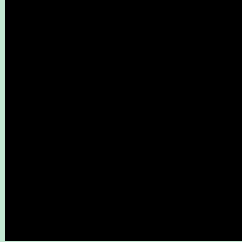
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

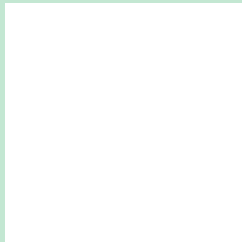
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4071, 0.3016, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 73.4071, 0.3016, 0.3530.

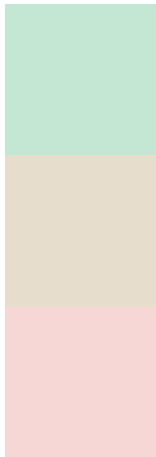


This preview shows how white text looks on a background with the Yxy color 73.4071, 0.3016, 0.3530.

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

73.4071, 0.3016, 0.3530

Protanopia

72.9437, 0.3300, 0.3463

Deuteranopia

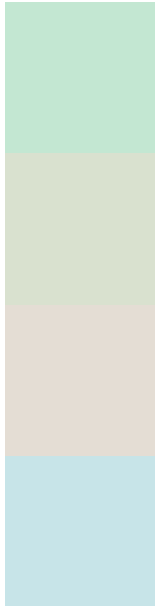
73.1791, 0.3379, 0.3311



Tritanopia

73.3419, 0.2851, 0.3093

Trichromacy



Original Color

73.4071, 0.3016, 0.3530

Protanomaly

73.1071, 0.3188, 0.3489

Deuteranomaly

72.9603, 0.3238, 0.3387

Tritanomaly

73.4551, 0.2910, 0.3245

Monochromacy



Original Color

73.4071, 0.3016, 0.3530

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.3833, 0.3088, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4071, 0.3016, 0.3530 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(195, 231, 210)` looks like.

```
.text, #text, p{  
    color:rgb(195, 231, 210)  
}
```

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(195, 231, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 231, 210) }
```

Border

The CSS property to change the border of an element to Yxy 73.4071, 0.3016, 0.3530 is called "border". The border property can be set on classes, ids or directly on the HTML element.

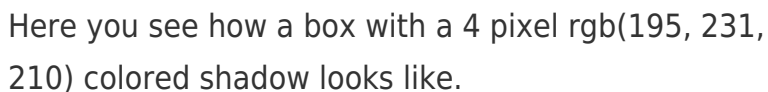
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 231, 210) }
```

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

```
.border{ border-color:rgb(195, 231, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 231, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 231, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 231, 210); box-shadow:4px 4px 4px 4px rgb(195, 231, 210) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4071, 0.3016, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 231, 210) }
```

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

```
.background{ background-color: rgb(195,  
231, 210) }
```

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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