

Converting Colors

$Yxy(73.7043, 0.3075, 0.3539)$

Have a look what the booklet for
Yxy(73.7043, 0.3075, 0.3539)
contains.

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Color

Yxy(73.7043, 0.3075, 0.3539)

Conversions

Conversions Part 1

Format	Color
Hex	CAE6D0
RGB	202, 230, 208
RGB Percent	79%, 90%, 82%
CMY	0.2078, 0.0980, 0.1844
CMYK	0.12, 0.00, 0.10, 0.10
HSL	133°, 36%, 85%
HSV	133°, 12%, 90%
XYZ	64.0409, 73.7043, 70.5179
YIQ	219.1200, -9.6260, -12.7780

Conversions

Conversions Part 2

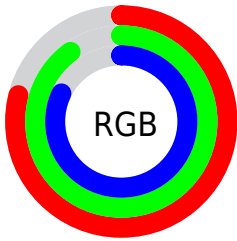
Format	Color
RYB	202, 225, 230
Decimal	13297360
CIELab	88.78, -13.31, 7.62
CIELCh	89, 15.338, 150.206
Yxy	73.7043, 0.3075, 0.3539
Android (android.graphics.Color)	4291487440 (0xFFCAE6D0)
YUV	219.1200, -5.4822, -15.0142
Hunter-Lab	85.8512, -17.0872, 11.3953

Details

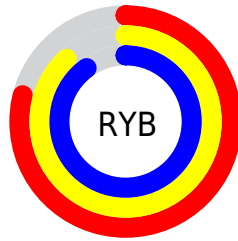
The Yxy color **73.7043, 0.3075, 0.3539** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.4554, 0.3184, 0.3053**, and the grayscale version is **70.9728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9011, 0.3061, 0.3588** is the 20% darker color. If you saturate the color by 10%, you get **69.8939, 0.3032, 0.3773**, and if you desaturate by 10%, it is **78.1007, 0.3118, 0.3332**.

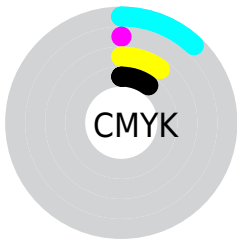
Distribution



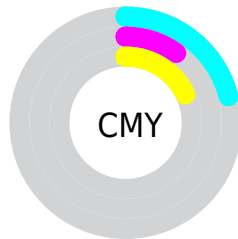
- Red (79%)
- Green (90%)
- Blue (82%)



- Red (79%)
- Yellow (88%)
- Blue (90%)



- Cyan (12%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)




- Cyan (21%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7043, 0.3075, 0.3539 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 73.7043, 0.3075, 0.3539 by changing the saturation by 10% instead.


 73.7043, 0.3075,
0.3539

 73.7043, 0.3075,
0.3539


473.4522, 0.3100,
0.3422

 54.5521, 0.3069,
0.3566


124.4765, 0.3084,
0.3498

 39.0432, 0.3061,
0.3600


156.8653, 0.3087,
0.3482

 26.7933, 0.3052,
0.3644

194.4351, 0.3090,
0.3469

 17.4181, 0.3039,
0.3701

237.5702, 0.3093,
0.3457

 10.5330, 0.3020,
0.3781

286.6551, 0.3095,
0.3446

 5.7538, 0.2991,
0.3900

342.0741, 0.3097,

 2.6959, 0.2943,

0.3437

0.4093

404.2117, 0.3099,
0.3429

0.9751, 0.2853,
0.4643

0.0000, 0.0000,
0.0000

73.7043, 0.3075,
0.3539

73.7043, 0.3075,
0.3539

69.8939, 0.3032,
0.3773

78.1007, 0.3118,
0.3332

66.6357, 0.2992,
0.4032

83.0966, 0.3160,
0.3150

63.9065, 0.2955,
0.4313

85.0751, 0.3138,
0.3048

61.6780, 0.2925,
0.4609

■ 59.9190, 0.2906,
0.4908

■ 58.5949, 0.2898,
0.5195

■ 57.6662, 0.2904,
0.5453

■ 57.0856, 0.2923,
0.5666

■ 56.8176, 0.2943,
0.5796

Harmonies

Analogous

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



73.7043, 0.3260, 0.3612



73.7043, 0.3075, 0.3539



73.7043, 0.2908, 0.3394

Triad

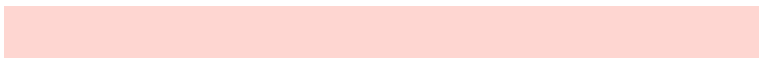
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7043, 0.3075, 0.3539



73.7043, 0.2846, 0.2993



73.7043, 0.3465, 0.3342

Complementary

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



73.7043, 0.3075, 0.3539



64.4554, 0.3184, 0.3053

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.



73.7043, 0.3348, 0.3186



73.7043, 0.3075, 0.3539



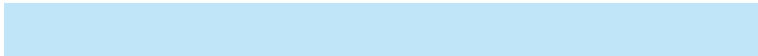
73.7043, 0.2988, 0.2988

Square

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



73.7043, 0.3075, 0.3539



73.7043, 0.2778, 0.3076



73.7043, 0.3172, 0.3059



73.7043, 0.3488, 0.3491

Rectangle

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



73.7043, 0.3075, 0.3539



73.7043, 0.2828, 0.3279



73.7043, 0.3172, 0.3059



73.7043, 0.3435, 0.3289

Sweetspot

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



73.7074, 0.3075, 0.3539



97.6105, 0.3110, 0.3368



76.7722, 0.3269, 0.3594



20.7994, 0.3107, 0.3383



0.0000, 0.0000, 0.0000



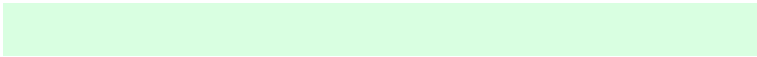
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7074, 0.3075, 0.3539



91.6650, 0.3062, 0.3605



74.4067, 0.2992, 0.3383



16.1393, 0.3087, 0.3480



32.1807, 0.2937, 0.5773



2.3916, 0.2863, 0.5505

Inverse Universe

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



64.4554, 0.3184, 0.3053



77.4622, 0.3199, 0.2995



63.7458, 0.3284, 0.3199



14.5598, 0.3170, 0.3107



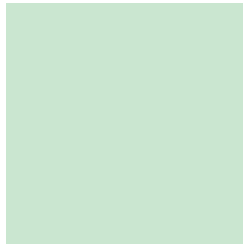
11.4295, 0.3834, 0.1886



0.8578, 0.3725, 0.1825

Previews

White Background



This preview shows how the Yxy color 73.7043, 0.3075, 0.3539 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 73.7043, 0.3075, 0.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

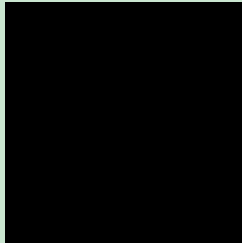
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

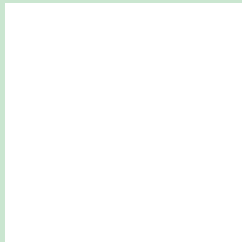
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7043, 0.3075, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 73.7043, 0.3075, 0.3539.



This preview shows how white text looks on a background with the Yxy color 73.7043, 0.3075, 0.3539.

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

73.7043, 0.3075, 0.3539

Protanopia

73.5911, 0.3313, 0.3484

Deuteranopia

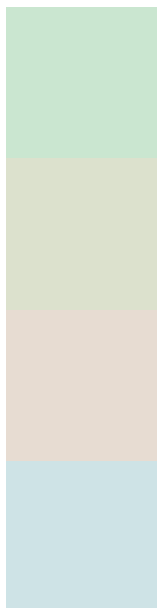
73.2605, 0.3401, 0.3332



Tritanopia

73.7314, 0.2901, 0.3095

Trichromacy



Original Color

73.7043, 0.3075, 0.3539

Protanomaly

73.4738, 0.3223, 0.3510

Deuteranomaly

72.8285, 0.3274, 0.3398

Tritanomaly

73.7732, 0.2967, 0.3257

Monochromacy



Original Color

73.7043, 0.3075, 0.3539

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.8278, 0.3109, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7043, 0.3075, 0.3539 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(202, 230, 208)` looks like.

```
.text, #text, p{  
    color:rgb(202, 230, 208)  
}
```

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(202, 230, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 230, 208) }
```

Border

The CSS property to change the border of an element to Yxy 73.7043, 0.3075, 0.3539 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(202, 230, 208) }
```

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

```
.border{ border-color:rgb(202, 230, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 230, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 230, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 230, 208);  
box-shadow:4px 4px 4px 4px rgb(202, 230,  
208) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.7043, 0.3075, 0.3539$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 230, 208) }
```

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

```
.background{ background-color: rgb(202,  
230, 208) }
```

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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