

Converting Colors

$Yxy(73.9333, 0.2902, 0.3422)$

Have a look what the booklet for
Yxy(73.9333, 0.2902, 0.3422)
contains.

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Color

Yxy(74.0631, 0.2900, 0.3427)

Conversions

Conversions Part 1

Format	Color
Hex	BBE9DD
RGB	187, 233, 221
RGB Percent	73%, 91%, 87%
CMY	0.2668, 0.0862, 0.1334
CMYK	0.20, 0.00, 0.05, 0.09
HSL	164°, 51%, 82%
HSV	164°, 20%, 91%
XYZ	62.6738, 74.0631, 79.3796
YIQ	217.8780, -23.5640, -13.4840

Conversions

Conversions Part 2

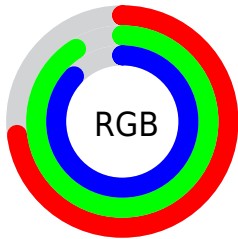
Format	Color
RYB	187, 213, 233
Decimal	12315101
CIELab	88.95, -17.18, 0.95
CIElCh	89, 17.210, 176.838
Yxy	74.0631, 0.2900, 0.3427
Android (android.graphics.Color)	4290505181 (0xFFBBE9DD)
YUV	217.8780, 1.5391, -27.0800
Hunter-Lab	86.0599, -20.6109, 5.5543

Details

The Yxy color **74.0631, 0.2900, 0.3427** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.9756, 0.3418, 0.3158**, and the grayscale version is **70.0201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **39.1840, 0.2846, 0.3455** is the 20% darker color. If you saturate the color by 10%, you get **71.0437, 0.2795, 0.3506**, and if you desaturate by 10%, it is **77.5773, 0.3013, 0.3354**.

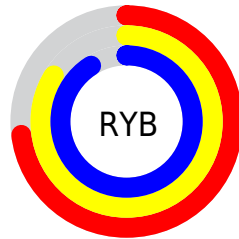
Distribution



Red (73%)

Green (91%)

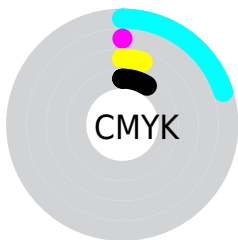
Blue (87%)



Red (73%)

Yellow (84%)

Blue (91%)

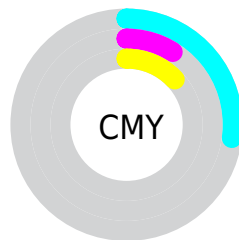


Cyan (20%)

Magenta (0%)

Yellow (5%)

Black (9%)



Cyan (27%)


Magenta (9%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0631, 0.2900, 0.3427 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 74.0631, 0.2900, 0.3427 by changing the saturation by 10% instead.

 74.0631, 0.2900,
0.3427

 74.0631, 0.2900,
0.3427

474.6911, 0.3005,
0.3364

 54.8457, 0.2876,
0.3442


 124.9853, 0.2936,
0.3405

 39.2782, 0.2847,
0.3459

157.4588, 0.2950,
0.3396

 26.9762, 0.2809,
0.3482


195.1198, 0.2963,
0.3389

 17.5554, 0.2760,
0.3512

238.3527, 0.2973,
0.3383

 10.6312, 0.2694,
0.3553

287.5419, 0.2983,
0.3377

 5.8194, 0.2598,
0.3612


343.0718, 0.2991,

 2.7356, 0.2449,


0.3372


0.3705

405.3267, 0.2998,
0.3368


 0.9953, 0.2064,
0.3932


 0.0000, 0.0000,
0.0000


 74.0631, 0.2900,
0.3427


 74.0631, 0.2900,
0.3427

 71.0437, 0.2795,
0.3506

 77.5773, 0.3013,
0.3354


 68.4866, 0.2701,
0.3592


 81.5985, 0.3130,
0.3289

 66.3701, 0.2621,
0.3682


 85.7938, 0.3237,
0.3229

 64.6667, 0.2557,
0.3777


 86.1605, 0.3198,
0.3170

 63.3459, 0.2511,
0.3875


 86.5396, 0.3159,
0.3112

 62.3730, 0.2486,
0.3974

 86.7668, 0.3137,
0.3078

 61.7065, 0.2481,
0.4073

 61.2777, 0.2492,
0.4170

 61.2686, 0.2492,
0.4173

Harmonies

Analogous

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



74.0631, 0.3091, 0.3584



74.0631, 0.2900, 0.3427



74.0631, 0.2771, 0.3234

Triad

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



74.0631, 0.2900, 0.3427



74.0631, 0.2950, 0.2949



74.0631, 0.3535, 0.3497

Complementary

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



74.0631, 0.2900, 0.3427



56.9756, 0.3418, 0.3158

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.



74.0631, 0.3496, 0.3328



74.0631, 0.2900, 0.3427



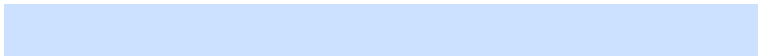
74.0631, 0.3153, 0.3019

Square

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



74.0631, 0.2900, 0.3427



74.0631, 0.2799, 0.2964



74.0631, 0.3354, 0.3156



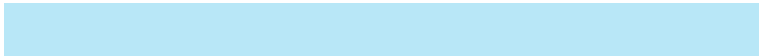
74.0631, 0.3461, 0.3618

Rectangle

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



74.0631, 0.2900, 0.3427



74.0631, 0.2736, 0.3116



74.0631, 0.3354, 0.3156



74.0631, 0.3535, 0.3443

Sweetspot

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



74.0662, 0.2900, 0.3427



96.9578, 0.3056, 0.3329



74.0488, 0.3185, 0.3821



20.6851, 0.3048, 0.3333



0.0000, 0.0000, 0.0000



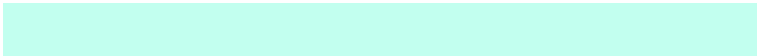
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0662, 0.2900, 0.3427



89.1947, 0.2853, 0.3461



68.8308, 0.2824, 0.3166



17.0507, 0.3016, 0.3352



34.7812, 0.2488, 0.4157



2.7468, 0.2451, 0.4022

Inverse Universe

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



56.9756, 0.3418, 0.3158



64.3979, 0.3500, 0.3127



61.1682, 0.3496, 0.3410



15.1187, 0.3252, 0.3229



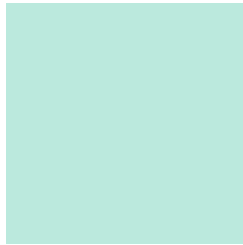
10.0378, 0.5890, 0.3018



0.8036, 0.5498, 0.2802

Previews

White Background



This preview shows how the Yxy color 74.0631, 0.2900, 0.3427 looks on a white background.

Color Contrast Check

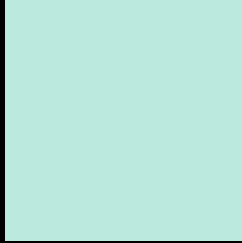
Large Text (above 18pt) WCAG AA × Fail

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 74.0631, 0.2900, 0.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

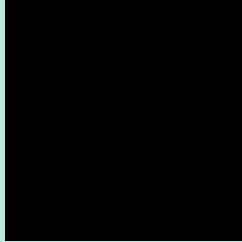
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

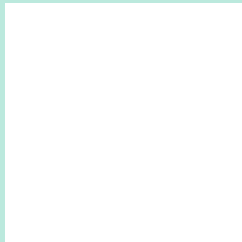
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0631, 0.2900, 0.3427

Background



This preview shows how black text looks on a background with the Yxy color 74.0631, 0.2900, 0.3427.

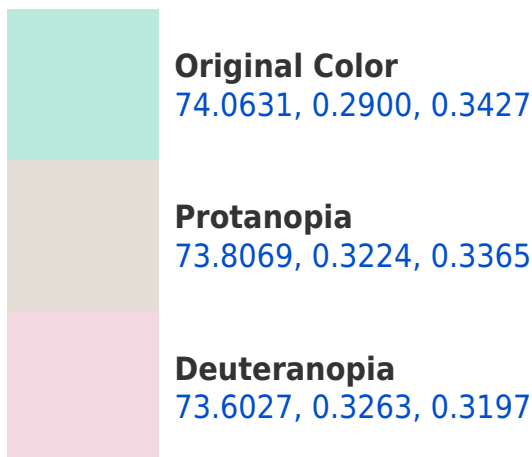


This preview shows how white text looks on a background with the Yxy color 74.0631, 0.2900, 0.3427.

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

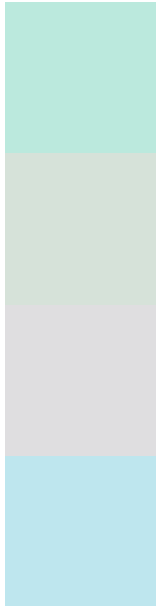




Tritanopia

73.9605, 0.2781, 0.3091

Trichromacy



Original Color

74.0631, 0.2900, 0.3427

Protanomaly

73.6986, 0.3102, 0.3389

Deuteranomaly

73.3123, 0.3121, 0.3268

Tritanomaly

73.7138, 0.2820, 0.3200

Monochromacy



Original Color

74.0631, 0.2900, 0.3427

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.1552, 0.3042, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0631, 0.2900, 0.3427 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(187, 233, 221)` looks like.

```
.text, #text, p{  
    color:rgb(187, 233, 221)  
}
```

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(187, 233, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 233, 221) }
```

Border

The CSS property to change the border of an element to Yxy 74.0631, 0.2900, 0.3427 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(187, 233, 221) }
```

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

```
.border{ border-color:rgb(187, 233, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 233, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 233, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 233, 221);  
box-shadow:4px 4px 4px 4px rgb(187, 233,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0631, 0.2900, 0.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 233, 221) }
```

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

```
.background{ background-color: rgb(187,  
233, 221) }
```

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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