

Converting Colors

Yxy(73.6369, 0.2890, 0.3224)

Have a look what the booklet for
Yxy(73.6369, 0.2890, 0.3224)
contains.

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Color

Yxy(73.4331, 0.2891, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	C6E4EA
RGB	198, 228, 234
RGB Percent	78%, 89%, 92%
CMY	0.2238, 0.1058, 0.0824
CMYK	0.15, 0.03, 0.00, 0.08
HSL	190°, 46%, 85%
HSV	190°, 15%, 92%
XYZ	65.8688, 73.4331, 88.5389
YIQ	219.7140, -19.8060, -4.4940

Conversions

Conversions Part 2

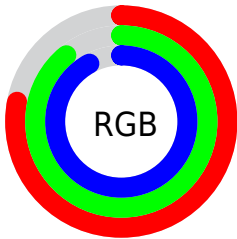
Format	Color
R _Y B	198, 214, 234
Decimal	13034730
CIE Lab	88.65, -8.62, -6.24
CIE LCh	89, 10.644, 215.879
Yxy	73.4331, 0.2891, 0.3223
Android (android.graphics.Color)	4291224810 (0xFFC6E4EA)
YUV	219.7140, 7.0430, -19.0432
Hunter-Lab	85.6931, -12.7573, -1.2738

Details

The Yxy color **73.4331, 0.2891, 0.3223** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.7053, 0.3407, 0.3356**, and the grayscale version is **71.3145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0308, 0.2842, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **68.3912, 0.2744, 0.3175**, and if you desaturate by 10%, it is **79.0200, 0.3043, 0.3268**.

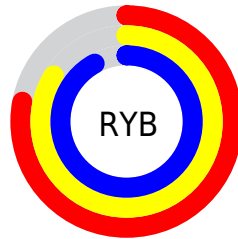
Distribution



Red (78%)

Green (89%)

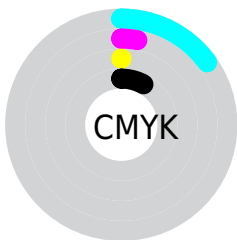
Blue (92%)



Red (78%)

Yellow (84%)

Blue (92%)

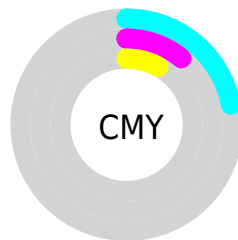


Cyan (15%)

Magenta (3%)

Yellow (0%)

Black (8%)



Cyan (22%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.4331, 0.2891, 0.3223 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 73.4331, 0.2891, 0.3223 by changing the saturation by 10% instead.

■ 73.4331, 0.2891,
0.3223

■ 73.4331, 0.2891,
0.3223

472.5145, 0.2999,
0.3255

■ 54.3302, 0.2866,
0.3215

124.0919, 0.2928,
0.3234

■ 38.8657, 0.2836,
0.3206

156.4165, 0.2943,
0.3239

■ 26.6553, 0.2798,
0.3194

193.9171, 0.2956,
0.3242

■ 17.3145, 0.2748,
0.3178

236.9782, 0.2967,
0.3246

■ 10.4590, 0.2681,
0.3155

285.9841, 0.2976,
0.3248

■ 5.7043, 0.2585,
0.3121

341.3191, 0.2985,

■ 2.6661, 0.2438,

0.3251

403.3678, 0.2993,
0.3253

0.3066

0.9600, 0.2163,
0.2966

0.0000, 0.0000,
0.0000

73.4331, 0.2891,
0.3223

73.4331, 0.2891,
0.3223

68.3912, 0.2744,
0.3175

79.0200, 0.3043,
0.3268

63.8624, 0.2606,
0.3123

85.1641, 0.3198,
0.3308

59.8252, 0.2480,
0.3067

89.3127, 0.3265,
0.3346

56.2529, 0.2369,
0.3010

91.6140, 0.3261,
0.3383

■ 53.1159, 0.2275,
0.2951

■ 93.9643, 0.3257,
0.3421

■ 50.3810, 0.2200,
0.2891

■ 96.3639, 0.3253,
0.3458

■ 48.0095, 0.2145,
0.2831

■ 98.7202, 0.3250,
0.3493

■ 45.9538, 0.2109,
0.2772

■ 45.0817, 0.2096,
0.2745

Harmonies

Analogous

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



73.4331, 0.2956, 0.3340



73.4331, 0.2891, 0.3223



73.4331, 0.2887, 0.3127

Triad

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



73.4331, 0.2891, 0.3223



73.4331, 0.3183, 0.3142



73.4331, 0.3309, 0.3507

Complementary

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



73.4331, 0.2891, 0.3223



64.7053, 0.3407, 0.3356

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.



73.4331, 0.3373, 0.3448



73.4331, 0.2891, 0.3223



73.4331, 0.3300, 0.3238

Square

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



73.4331, 0.2891, 0.3223



73.4331, 0.3054, 0.3084



73.4331, 0.3369, 0.3349



73.4331, 0.3197, 0.3507

Rectangle

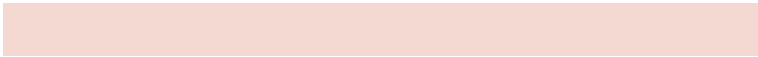
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



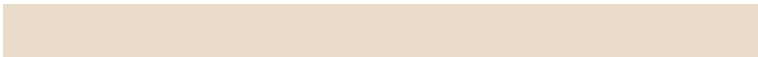
73.4331, 0.2891, 0.3223



73.4331, 0.2920, 0.3088



73.4331, 0.3369, 0.3349



73.4331, 0.3337, 0.3493

Sweetspot

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



73.4361, 0.2891, 0.3223



96.3219, 0.3049, 0.3269



75.1671, 0.3075, 0.3639



20.5092, 0.3038, 0.3266



0.0000, 0.0000, 0.0000



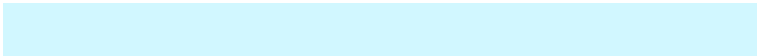
21.4041, 0.3127, 0.3290

Same Dimension

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



73.4361, 0.2891, 0.3223



87.5561, 0.2851, 0.3210



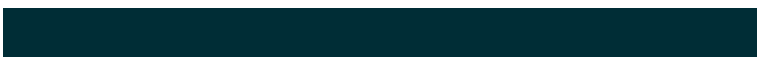
64.3038, 0.2883, 0.3024



16.6725, 0.2981, 0.3250



25.4942, 0.2099, 0.2754



2.1148, 0.2121, 0.2836

Inverse Universe

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



63.4512, 0.3188, 0.2970



73.6501, 0.3200, 0.2913



73.4754, 0.3378, 0.3542



15.2684, 0.3163, 0.3096



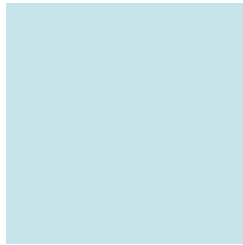
12.0665, 0.3677, 0.1799



0.9589, 0.3601, 0.1758

Previews

White Background



This preview shows how the Yxy color 73.4331, 0.2891, 0.3223 looks on a white background.

Color Contrast Check

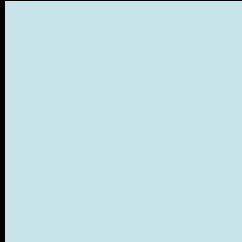
Large Text (above 18pt) WCAG AA × Fail

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 73.4331, 0.2891, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

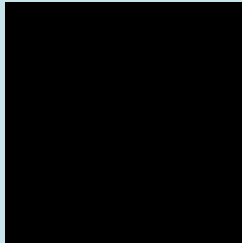
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

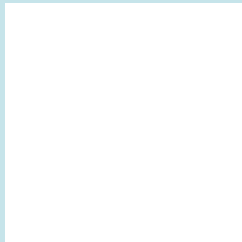
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4331, 0.2891, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 73.4331, 0.2891, 0.3223.

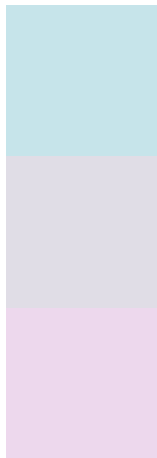


This preview shows how white text looks on a background with the Yxy color 73.4331, 0.2891, 0.3223.

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

73.4331, 0.2891, 0.3223

Protanopia

73.2734, 0.3089, 0.3194

Deuteranopia

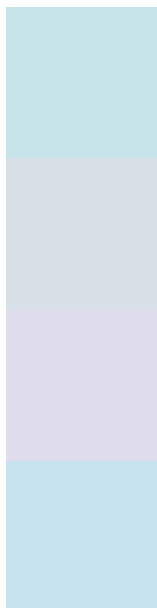
73.2307, 0.3137, 0.3073



Tritanopia

73.2037, 0.2845, 0.3092

Trichromacy



Original Color

73.4331, 0.2891, 0.3223

Protanomaly

73.5279, 0.3020, 0.3214

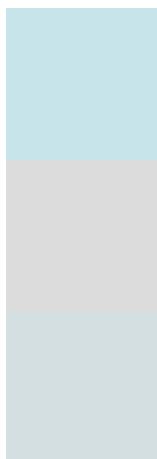
Deuteranomaly

72.9305, 0.3044, 0.3120

Tritanomaly

73.3716, 0.2862, 0.3146

Monochromacy



Original Color

73.4331, 0.2891, 0.3223

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.2086, 0.3038, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4331, 0.2891, 0.3223 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(198, 228, 234)` looks like.

```
.text, #text, p{  
    color:rgb(198, 228, 234)  
}
```

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(198, 228, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 228, 234) }
```

Border

The CSS property to change the border of an element to Yxy 73.4331, 0.2891, 0.3223 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(198, 228, 234) }
```

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

```
.border{ border-color:rgb(198, 228, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 228, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 228, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 228, 234);  
box-shadow:4px 4px 4px 4px rgb(198, 228,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4331, 0.2891, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 228, 234) }
```

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

```
.background{ background-color: rgb(198,  
228, 234) }
```

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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