

Converting Colors

$Yxy(73.9869, 0.2910, 0.3256)$

Have a look what the booklet for
Yxy(73.9869, 0.2910, 0.3256)
contains.

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Color

Yxy(74.0069, 0.2910, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	C7E5E8
RGB	199, 229, 232
RGB Percent	78%, 90%, 91%
CMY	0.2195, 0.1020, 0.0902
CMYK	0.14, 0.01, 0.00, 0.09
HSL	185°, 42%, 85%
HSV	185°, 14%, 91%
XYZ	66.1425, 74.0069, 87.1445
YIQ	220.3720, -18.8430, -5.4270

Conversions

Conversions Part 2

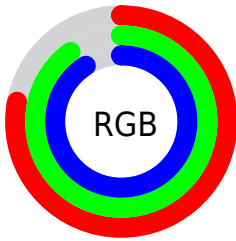
Format	Color
R _Y B	199, 215, 232
Decimal	13100520
CIE Lab	88.93, -9.18, -4.78
CIE LCh	89, 10.355, 207.516
Yxy	74.0069, 0.2910, 0.3256
Android (android.graphics.Color)	4291290600 (0xFFC7E5E8)
YUV	220.3720, 5.7326, -18.7432
Hunter-Lab	86.0273, -13.3070, 0.1591

Details

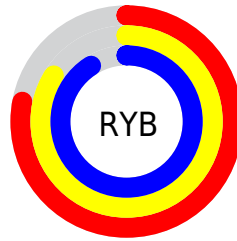
The Yxy color **74.0069, 0.2910, 0.3256** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.5357, 0.3386, 0.3324**, and the grayscale version is **71.8170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4264, 0.2865, 0.3260** is the 20% darker color. If you saturate the color by 10%, you get **69.9114, 0.2766, 0.3230**, and if you desaturate by 10%, it is **78.6066, 0.3062, 0.3280**.

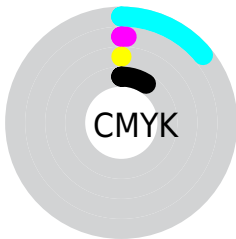
Distribution



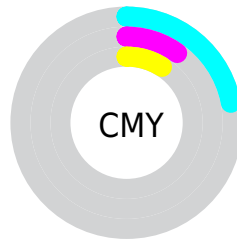
- Red (78%)
- Green (90%)
- Blue (91%)



- Red (78%)
- Yellow (84%)
- Blue (91%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0069, 0.2910, 0.3256 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 74.0069, 0.2910, 0.3256 by changing the saturation by 10% instead.

■ 74.0069, 0.2910,
0.3256

■ 74.0069, 0.2910,
0.3256

474.4972, 0.3010,
0.3273

■ 54.7997, 0.2887,
0.3252

124.9056, 0.2944,
0.3262

■ 39.2414, 0.2860,
0.3247

157.3659, 0.2958,
0.3264

■ 26.9475, 0.2825,
0.3240

195.0126, 0.2969,
0.3266

■ 17.5338, 0.2779,
0.3232

238.2302, 0.2980,
0.3268

■ 10.6158, 0.2717,
0.3219

287.4031, 0.2988,
0.3269

■ 5.8091, 0.2629,
0.3200

342.9156, 0.2996,

■ 2.7294, 0.2493,

0.3271

405.1522, 0.3003,
0.3272

0.3168

0.9921, 0.2241,
0.3110

0.0000, 0.0000,
0.0000

74.0069, 0.2910,
0.3256

74.0069, 0.2910,
0.3256

69.9114, 0.2766,
0.3230

78.6066, 0.3062,
0.3280

66.2890, 0.2632,
0.3202


83.7218, 0.3218,
0.3303


63.1193, 0.2512,
0.3172

86.6984, 0.3282,
0.3323


60.3765, 0.2407,
0.3141


87.9184, 0.3279,
0.3344

 58.0325, 0.2321,
0.3110


 89.1528, 0.3277,
0.3365

 56.0554, 0.2254,
0.3078


 90.4017, 0.3275,
0.3385


 54.4083, 0.2207,
0.3046

 91.6652, 0.3273,
0.3406

 53.0464, 0.2177,
0.3015

 92.9432, 0.3271,
0.3426

 52.3482, 0.2166,
0.2998

 94.2359, 0.3269,
0.3446

Harmonies

Analogous

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



74.0069, 0.2988, 0.3370



74.0069, 0.2910, 0.3256



74.0069, 0.2889, 0.3154

Triad

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



74.0069, 0.2910, 0.3256



74.0069, 0.3147, 0.3126



74.0069, 0.3326, 0.3489

Complementary

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



74.0069, 0.2910, 0.3256



63.5357, 0.3386, 0.3324

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.



74.0069, 0.3371, 0.3419



74.0069, 0.2910, 0.3256



74.0069, 0.3266, 0.3211

Square

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



74.0069, 0.2910, 0.3256



74.0069, 0.3024, 0.3082



74.0069, 0.3349, 0.3318



74.0069, 0.3228, 0.3506

Rectangle

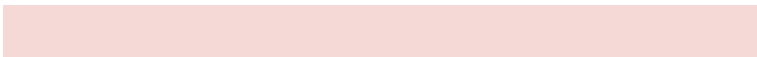
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



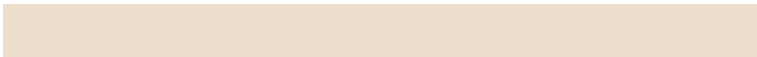
74.0069, 0.2910, 0.3256



74.0069, 0.2910, 0.3107



74.0069, 0.3349, 0.3318



74.0069, 0.3348, 0.3471

Sweetspot

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



74.0100, 0.2910, 0.3256



97.5250, 0.3065, 0.3281



74.1144, 0.3093, 0.3635



20.7772, 0.3053, 0.3279



0.0000, 0.0000, 0.0000



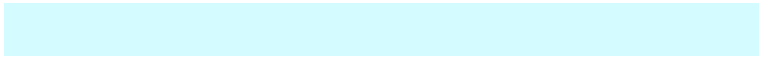
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0100, 0.2910, 0.3256



90.1908, 0.2868, 0.3249



65.4425, 0.2904, 0.3072



16.1000, 0.2982, 0.3268



29.1585, 0.2167, 0.3003



2.2207, 0.2180, 0.3048

Inverse Universe

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



63.6714, 0.3165, 0.2970



75.1404, 0.3174, 0.2904



71.5601, 0.3360, 0.3499



14.5914, 0.3152, 0.3079



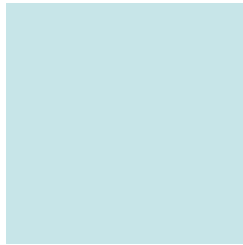
12.1413, 0.3452, 0.1675



0.9039, 0.3412, 0.1653

Previews

White Background



This preview shows how the Yxy color 74.0069, 0.2910, 0.3256 looks on a white background.

Color Contrast Check

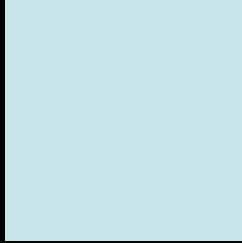
Large Text (above 18pt) WCAG AA × Fail

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 74.0069, 0.2910, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

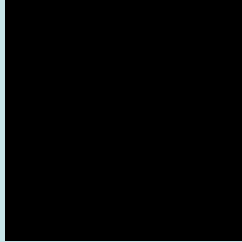
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

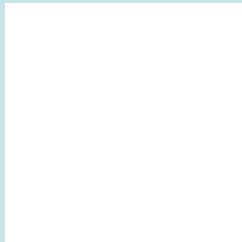
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0069, 0.2910, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 74.0069, 0.2910, 0.3256.

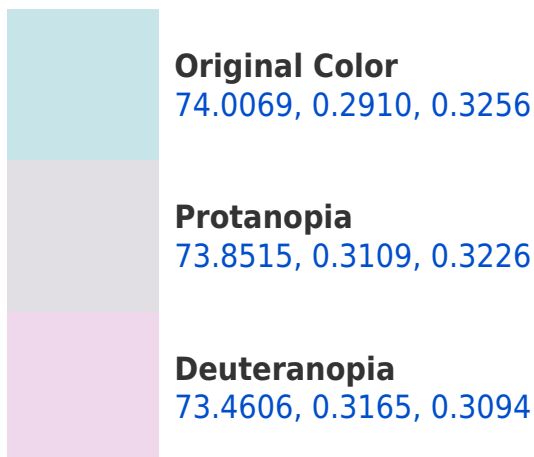


This preview shows how white text looks on a background with the Yxy color 74.0069, 0.2910, 0.3256.

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

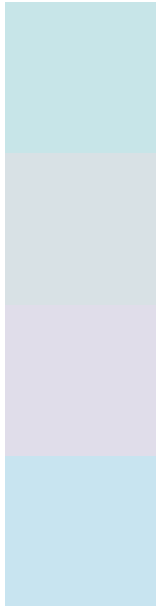




Tritanopia

73.9482, 0.2846, 0.3093

Trichromacy



Original Color

74.0069, 0.2910, 0.3256

Protanomaly

74.1065, 0.3040, 0.3246

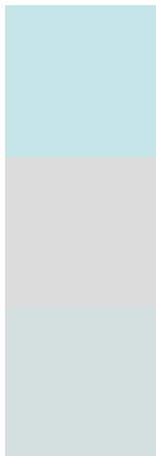
Deuteranomaly

73.5007, 0.3064, 0.3152

Tritanomaly

74.0574, 0.2869, 0.3158

Monochromacy



Original Color

74.0069, 0.2910, 0.3256

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.1542, 0.3044, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0069, 0.2910, 0.3256 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(199, 229, 232)` looks like.

```
.text, #text, p{  
    color:rgb(199, 229, 232)  
}
```

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(199, 229, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 229, 232) }
```

Border

The CSS property to change the border of an element to Yxy 74.0069, 0.2910, 0.3256 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(199, 229, 232) }
```

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

```
.border{ border-color:rgb(199, 229, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 229, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 229, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 229, 232);  
box-shadow:4px 4px 4px 4px rgb(199, 229,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0069, 0.2910, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 229, 232) }
```

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

```
.background{ background-color: rgb(199,  
229, 232) }
```

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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