

Converting Colors

$Yxy(71.5547, 0.2944, 0.3305)$

Have a look what the booklet for
Yxy(71.5547, 0.2944, 0.3305)
contains.

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Color

Yxy(71.6448, 0.2944, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	C5E2E0
RGB	197, 226, 224
RGB Percent	77%, 89%, 88%
CMY	0.2273, 0.1137, 0.1216
CMYK	0.13, 0.00, 0.01, 0.11
HSL	176°, 33%, 83%
HSV	176°, 13%, 89%
XYZ	63.6843, 71.6448, 80.9898
YIQ	217.1010, -16.6420, -6.7700

Conversions

Conversions Part 2

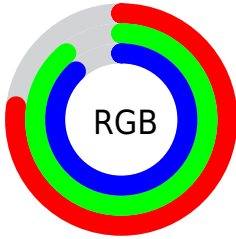
Format	Color
RYB	197, 212, 226
Decimal	12968672
CIELab	87.80, -9.88, -2.25
CIELCh	88, 10.132, 192.836
Yxy	71.6448, 0.2944, 0.3312
Android (android.graphics.Color)	4291158752 (0xFFC5E2E0)
YUV	217.1010, 3.4012, -17.6286
Hunter-Lab	84.6433, -13.8251, 2.5194

Details

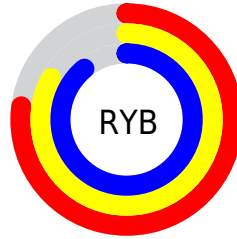
The Yxy color **71.6448, 0.2944, 0.3312** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.2454, 0.3345, 0.3268**, and the grayscale version is **69.4518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **37.8300, 0.2900, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **68.7371, 0.2810, 0.3331**, and if you desaturate by 10%, it is **75.0166, 0.3086, 0.3295**.

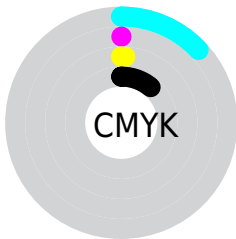
Distribution



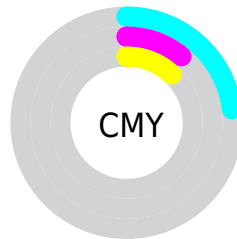
- Red (77%)
- Green (89%)
- Blue (88%)



- Red (77%)
- Yellow (83%)
- Blue (89%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (23%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6448, 0.2944, 0.3312 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 71.6448, 0.2944, 0.3312 by changing the saturation by 10% instead.

71.6448, 0.2944,
0.3312

71.6448, 0.2944,
0.3312

466.3043, 0.3029,
0.3302

52.8686, 0.2925,
0.3314

121.5514, 0.2973,
0.3309

37.6979, 0.2901,
0.3317

153.4505, 0.2985,
0.3307

25.7483, 0.2870,
0.3320

190.4928, 0.2995,
0.3306

16.6354, 0.2831,
0.3324

233.0625, 0.3003,
0.3305

9.9749, 0.2776,
0.3329

281.5442, 0.3011,
0.3304

5.3823, 0.2698,
0.3335

336.3221, 0.3017,

2.4733, 0.2575,

0.3304

397.7807, 0.3023,
0.3303

0.3345

0.8632, 0.2275,
0.3391

0.0000, 0.0000,
0.0000

71.6448, 0.2944,
0.3312

71.6448, 0.2944,
0.3312

68.7371, 0.2810,
0.3331

75.0166, 0.3086,
0.3295

66.2643, 0.2688,
0.3351

78.8626, 0.3234,
0.3279

64.2075, 0.2580,
0.3373

81.2891, 0.3314,
0.3264

62.5431, 0.2489,
0.3395

81.3765, 0.3303,
0.3248

61.2450, 0.2415,
0.3418

81.4647, 0.3293,
0.3233

60.2840, 0.2362,
0.3442

81.5536, 0.3282,
0.3218

59.6264, 0.2327,
0.3465

81.6434, 0.3272,
0.3202

59.2315, 0.2311,
0.3488

81.7339, 0.3261,
0.3187

59.0629, 0.2307,
0.3505

81.8252, 0.3251,
0.3172

Harmonies

Analogous

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



71.6448, 0.3043, 0.3419



71.6448, 0.2944, 0.3312



71.6448, 0.2894, 0.3202

Triad

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



71.6448, 0.2944, 0.3312



71.6448, 0.3085, 0.3101



71.6448, 0.3354, 0.3459

Complementary

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



71.6448, 0.2944, 0.3312



60.2454, 0.3345, 0.3268

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.



71.6448, 0.3366, 0.3371



71.6448, 0.2944, 0.3312



71.6448, 0.3210, 0.3167

Square

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



71.6448, 0.2944, 0.3312



71.6448, 0.2974, 0.3082



71.6448, 0.3313, 0.3265



71.6448, 0.3280, 0.3503

Rectangle

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



71.6448, 0.2944, 0.3312



71.6448, 0.2894, 0.3142



71.6448, 0.3313, 0.3265



71.6448, 0.3365, 0.3433

Sweetspot

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



71.6478, 0.2944, 0.3312



98.0713, 0.3068, 0.3297



70.6278, 0.3128, 0.3625



20.9161, 0.3058, 0.3298



0.0000, 0.0000, 0.0000



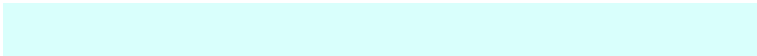
21.4041, 0.3127, 0.3290

Same Dimension

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



71.6478, 0.2944, 0.3312



93.2845, 0.2913, 0.3316



65.4254, 0.2929, 0.3152



15.5552, 0.2991, 0.3306



33.7043, 0.2306, 0.3501



2.3412, 0.2296, 0.3465

Inverse Universe

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



60.2454, 0.3345, 0.3268



75.8920, 0.3390, 0.3264



65.8543, 0.3342, 0.3425



13.7158, 0.3281, 0.3274



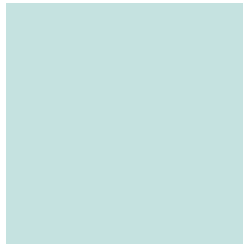
9.2512, 0.6323, 0.3257



0.6467, 0.6110, 0.3140

Previews

White Background



This preview shows how the Yxy color 71.6448, 0.2944, 0.3312 looks on a white background.

Color Contrast Check

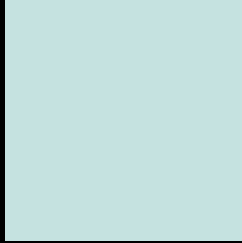
Large Text (above 18pt) WCAG AA × Fail

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 71.6448, 0.2944, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

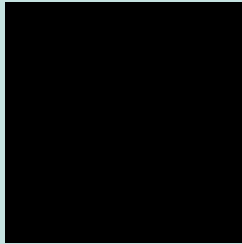
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

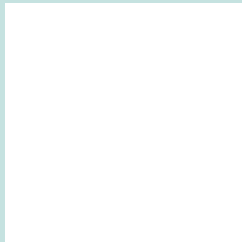
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6448, 0.2944, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 71.6448, 0.2944, 0.3312.

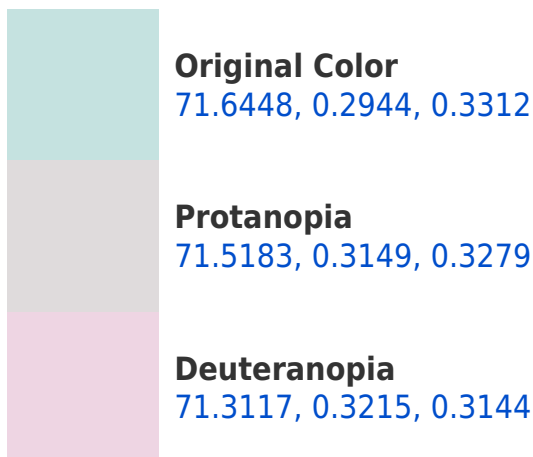


This preview shows how white text looks on a background with the Yxy color 71.6448, 0.2944, 0.3312.

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

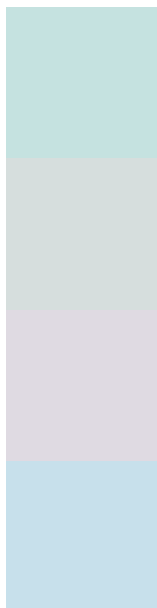




Tritanopia

71.4056, 0.2861, 0.3091

Trichromacy



Original Color

71.6448, 0.2944, 0.3312

Protanomaly

71.7592, 0.3078, 0.3301

Deuteranomaly

71.3218, 0.3110, 0.3204

Tritanomaly

71.4516, 0.2890, 0.3167

Monochromacy



Original Color

71.6448, 0.2944, 0.3312

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.0553, 0.3057, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6448, 0.2944, 0.3312 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(197, 226, 224)` looks like.

```
.text, #text, p{  
    color:rgb(197, 226, 224)  
}
```

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(197, 226, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 226, 224) }
```

Border

The CSS property to change the border of an element to Yxy 71.6448, 0.2944, 0.3312 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(197, 226, 224) }
```

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

```
.border{ border-color:rgb(197, 226, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 226, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 226, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 226, 224);  
box-shadow:4px 4px 4px 4px rgb(197, 226,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6448, 0.2944, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 226, 224) }
```

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

```
.background{ background-color: rgb(197,  
226, 224) }
```

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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