

Converting Colors

$Yxy(73.3851, 0.2899, 0.3306)$

Have a look what the booklet for
Yxy(73.3851, 0.2899, 0.3306)
contains.

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Color

Yxy(73.6644, 0.2902, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	C2E6E4
RGB	194, 230, 228
RGB Percent	76%, 90%, 89%
CMY	0.2392, 0.0980, 0.1059
CMYK	0.16, 0.00, 0.01, 0.10
HSL	177°, 42%, 83%
HSV	177°, 16%, 90%
XYZ	64.5453, 73.6644, 84.2070
YIQ	219.0080, -20.8140, -8.2540

Conversions

Conversions Part 2

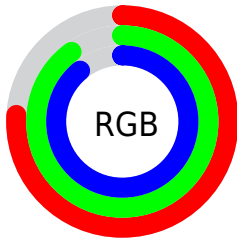
Format	Color
RYB	194, 213, 230
Decimal	12773092
CIELab	88.76, -12.08, -2.95
CIELCh	89, 12.437, 193.737
Yxy	73.6644, 0.2902, 0.3312
Android (android.graphics.Color)	4290963172 (0xFFC2E6E4)
YUV	219.0080, 4.4331, -21.9320
Hunter-Lab	85.8280, -15.9614, 1.9094

Details

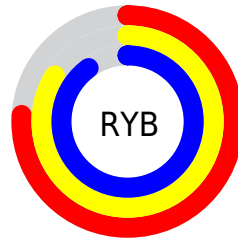
The Yxy color **73.6644, 0.2902, 0.3312** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.3905, 0.3406, 0.3268**, and the grayscale version is **70.8241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **38.8647, 0.2847, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **70.7848, 0.2770, 0.3328**, and if you desaturate by 10%, it is **77.0217, 0.3044, 0.3298**.

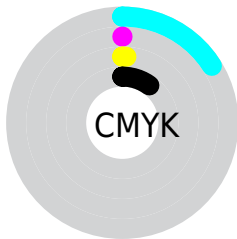
Distribution



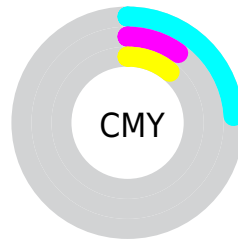
- Red (76%)
- Green (90%)
- Blue (89%)



- Red (76%)
- Yellow (84%)
- Blue (90%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)




- Cyan (24%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6644, 0.2902, 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 73.6644, 0.2902, 0.3312 by changing the saturation by 10% instead.


 73.6644, 0.2902,
0.3312

 73.6644, 0.2902,
0.3312

473.3143, 0.3006,
0.3303

 54.5194, 0.2879,
0.3314


 124.4200, 0.2938,
0.3309

 39.0171, 0.2850,
0.3316


156.7993, 0.2952,
0.3308

 26.7730, 0.2813,
0.3319


194.3589, 0.2964,
0.3307

 17.4028, 0.2765,
0.3322

237.4831, 0.2974,
0.3306

 10.5221, 0.2701,
0.3327

286.5564, 0.2983,
0.3305

 5.7465, 0.2608,
0.3332

341.9631, 0.2992,

 2.6915, 0.2465,

0.3304

404.0876, 0.2999,
0.3303

0.3337

0.9729, 0.2167,
0.3361

0.0000, 0.0000,
0.0000

73.6644, 0.2902,
0.3312

73.6644, 0.2902,
0.3312

70.7848, 0.2770,
0.3328

77.0217, 0.3044,
0.3298

68.3520, 0.2650,
0.3344

80.8676, 0.3192,
0.3284


66.3460, 0.2545,
0.3362


83.6764, 0.3288,
0.3272


64.7411, 0.2458,
0.3380

83.7498, 0.3280,
0.3259

 63.5096, 0.2389,
0.3399


 83.8239, 0.3271,
0.3247

 62.6195, 0.2340,
0.3418


 83.8984, 0.3263,
0.3234


 62.0341, 0.2311,
0.3437

 83.9735, 0.3254,
0.3221

 61.7078, 0.2298,
0.3455

 84.0491, 0.3246,
0.3209

 61.6142, 0.2295,
0.3463

 84.1253, 0.3237,
0.3196

Harmonies

Analogous

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



73.6644, 0.3020, 0.3443



73.6644, 0.2902, 0.3312



73.6644, 0.2844, 0.3178

Triad

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



73.6644, 0.2902, 0.3312



73.6644, 0.3080, 0.3062



73.6644, 0.3401, 0.3497

Complementary

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



73.6644, 0.2902, 0.3312



59.3905, 0.3406, 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.



73.6644, 0.3419, 0.3391



73.6644, 0.2902, 0.3312



73.6644, 0.3231, 0.3144

Square

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



73.6644, 0.2902, 0.3312



73.6644, 0.2945, 0.3038



73.6644, 0.3357, 0.3263



73.6644, 0.3309, 0.3550

Rectangle

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



73.6644, 0.2902, 0.3312



73.6644, 0.2846, 0.3106



73.6644, 0.3357, 0.3263



73.6644, 0.3416, 0.3466

Sweetspot

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



73.6675, 0.2902, 0.3312



97.6156, 0.3053, 0.3297



72.2815, 0.3124, 0.3707



20.8247, 0.3043, 0.3298



0.0000, 0.0000, 0.0000



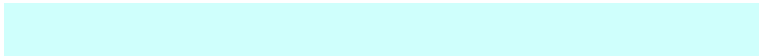
21.4041, 0.3127, 0.3290

Same Dimension

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



73.6675, 0.2902, 0.3312



91.7670, 0.2855, 0.3317



65.4785, 0.2883, 0.3111



16.3217, 0.2989, 0.3303



34.8858, 0.2295, 0.3460



2.5822, 0.2287, 0.3433

Inverse Universe

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



59.3905, 0.3406, 0.3268



70.2845, 0.3482, 0.3263



66.6146, 0.3395, 0.3463



14.3810, 0.3284, 0.3277



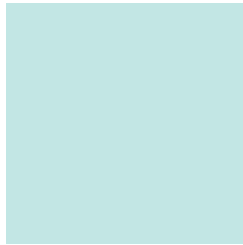
9.5462, 0.6339, 0.3266



0.7101, 0.6172, 0.3174

Previews

White Background



This preview shows how the Yxy color 73.6644, 0.2902, 0.3312 looks on a white background.

Color Contrast Check

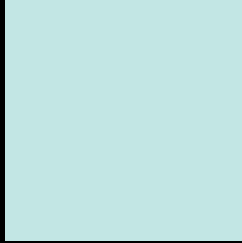
Large Text (above 18pt) WCAG AA × Fail

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 73.6644, 0.2902, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

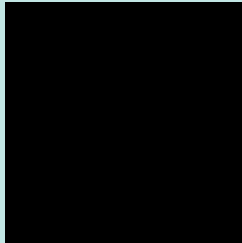
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

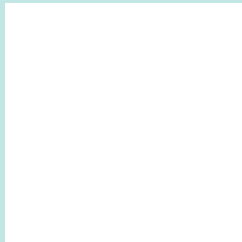
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6644, 0.2902, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 73.6644, 0.2902, 0.3312.

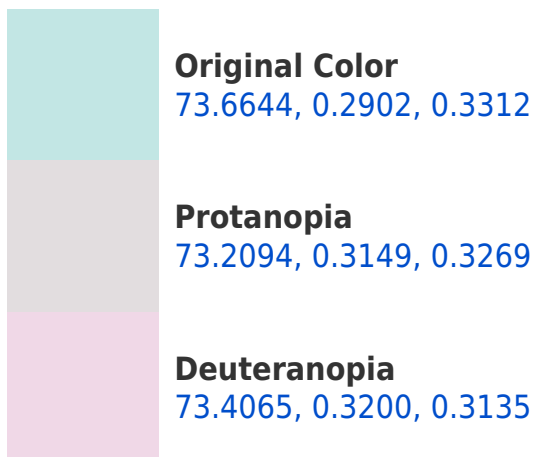


This preview shows how white text looks on a background with the Yxy color 73.6644, 0.2902, 0.3312.

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

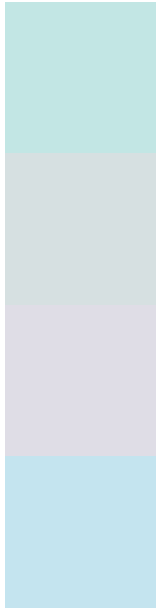




Tritanopia

73.4011, 0.2821, 0.3092

Trichromacy



Original Color

73.6644, 0.2902, 0.3312

Protanomaly

73.0437, 0.3051, 0.3279

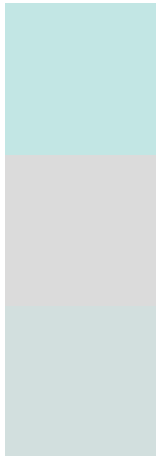
Deuteranomaly

73.1140, 0.3082, 0.3194

Tritanomaly

73.4546, 0.2850, 0.3168

Monochromacy



Original Color

73.6644, 0.2902, 0.3312

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.7509, 0.3043, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6644, 0.2902, 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(194, 230, 228)` looks like.

```
.text, #text, p{  
    color:rgb(194, 230, 228)  
}
```

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(194, 230, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 230, 228) }
```

Border

The CSS property to change the border of an element to Yxy 73.6644, 0.2902, 0.3312 is called "border". The border property can be set on classes, ids or directly on the HTML element.

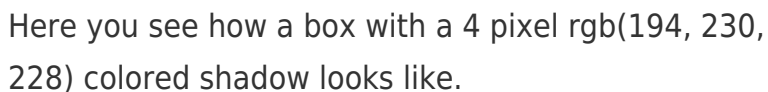
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 230, 228) }
```

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

```
.border{ border-color:rgb(194, 230, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 230, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 230, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 230, 228); box-shadow:4px 4px 4px 4px rgb(194, 230, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6644, 0.2902, 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(194, 230, 228) }
```

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

```
.background{ background-color: rgb(194,  
230, 228) }
```

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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