

Converting Colors

$Yxy(73.5249, 0.2897, 0.3282)$

Have a look what the booklet for
Yxy(73.5249, 0.2897, 0.3282)
contains.

Yxy(73.3539, 0.2896, 0.3278)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.3539, 0.2896, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C3E5E6
RGB	195, 229, 230
RGB Percent	76%, 90%, 90%
CMY	0.2354, 0.1019, 0.0980
CMYK	0.15, 0.00, 0.00, 0.10
HSL	182°, 41%, 83%
HSV	182°, 15%, 90%
XYZ	64.8056, 73.3539, 85.6168
YIQ	218.9480, -20.5850, -6.8970

Conversions

Conversions Part 2

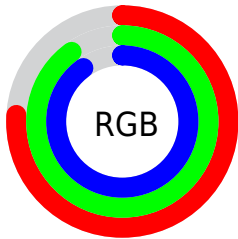
Format	Color
RYB	195, 212, 230
Decimal	12838374
CIELab	88.62, -10.86, -4.23
CIElCh	89, 11.649, 201.272
Yxy	73.3539, 0.2896, 0.3278
Android (android.graphics.Color)	4291028454 (0xFFC3E5E6)
YUV	218.9480, 5.4486, -21.0024
Hunter-Lab	85.6469, -14.8181, 0.6836

Details

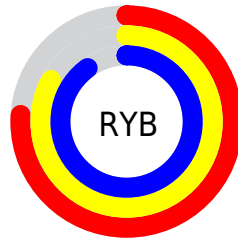
The Yxy color **73.3539, 0.2896, 0.3278** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.2402, 0.3411, 0.3302**, and the grayscale version is **70.7728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **39.0300, 0.2841, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **70.1601, 0.2756, 0.3269**, and if you desaturate by 10%, it is **77.0271, 0.3046, 0.3286**.

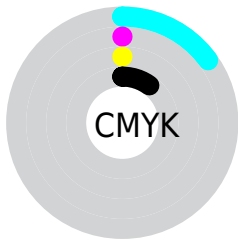
Distribution



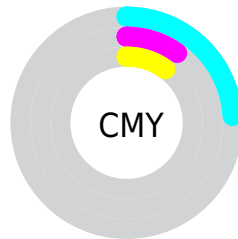
- Red (76%)
- Green (90%)
- Blue (90%)



- Red (76%)
- Yellow (83%)
- Blue (90%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3539, 0.2896, 0.3278 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 73.3539, 0.2896, 0.3278 by changing the saturation by 10% instead.

73.3539, 0.2896,
0.3278

73.3539, 0.2896,
0.3278

472.2405, 0.3002,
0.3285

54.2654, 0.2872,
0.3276

123.9795, 0.2933,
0.3280

38.8139, 0.2842,
0.3274

156.2854, 0.2947,
0.3281

26.6150, 0.2805,
0.3271

193.7658, 0.2959,
0.3282

17.2843, 0.2756,
0.3267

236.8052, 0.2970,
0.3283

10.4374, 0.2690,
0.3260

285.7880, 0.2980,
0.3283

5.6899, 0.2595,
0.3250

341.0985, 0.2988,

2.6575, 0.2449,

0.3284

403.1212, 0.2996,
0.3284

0.3231

0.9556, 0.2153,
0.3206

0.0000, 0.0000,
0.0000

73.3539, 0.2896,
0.3278

73.3539, 0.2896,
0.3278

70.1601, 0.2756,
0.3269

77.0271, 0.3046,
0.3286

67.4150, 0.2628,
0.3260

81.1908, 0.3202,
0.3293

65.0986, 0.2515,
0.3251

84.1224, 0.3299,
0.3300

63.1854, 0.2420,
0.3241

84.4936, 0.3299,
0.3307

■ 61.6476, 0.2343,
0.3231

■ 84.8662, 0.3298,
0.3313

■ 60.4537, 0.2287,
0.3222

■ 85.2402, 0.3297,
0.3320

■ 59.5670, 0.2249,
0.3212

■ 85.6156, 0.3296,
0.3326

■ 58.9425, 0.2228,
0.3203

■ 85.9924, 0.3296,
0.3333

■ 58.7024, 0.2222,
0.3198

■ 86.3706, 0.3295,
0.3339

Harmonies

Analogous

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



73.3539, 0.2995, 0.3405



73.3539, 0.2896, 0.3278



73.3539, 0.2858, 0.3158

Triad

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



73.3539, 0.2896, 0.3278



73.3539, 0.3119, 0.3091



73.3539, 0.3368, 0.3503

Complementary

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



73.3539, 0.2896, 0.3278



60.2402, 0.3411, 0.3302

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.



73.3539, 0.3404, 0.3413



73.3539, 0.2896, 0.3278



73.3539, 0.3258, 0.3178

Square

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



73.3539, 0.2896, 0.3278



73.3539, 0.2985, 0.3053



73.3539, 0.3364, 0.3295



73.3539, 0.3268, 0.3536

Rectangle

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



73.3539, 0.2896, 0.3278



73.3539, 0.2872, 0.3098



73.3539, 0.3364, 0.3295



73.3539, 0.3389, 0.3478

Sweetspot

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



73.3569, 0.2896, 0.3278



97.4277, 0.3049, 0.3286



72.1681, 0.3104, 0.3690



20.7789, 0.3038, 0.3286



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.



73.3569, 0.2896, 0.3278



91.4701, 0.2855, 0.3276



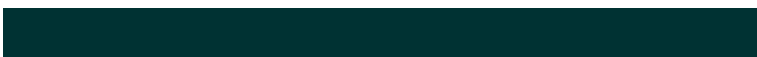
64.3583, 0.2889, 0.3083



16.2615, 0.2982, 0.3283



33.2614, 0.2222, 0.3200



2.4805, 0.2226, 0.3213

Inverse Universe

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



61.5053, 0.3152, 0.2924



74.0452, 0.3157, 0.2854



68.3952, 0.3382, 0.3489



14.6077, 0.3142, 0.3065



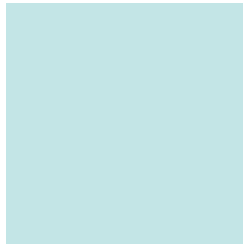
12.5555, 0.3282, 0.1582



0.9301, 0.3271, 0.1575

Previews

White Background



This preview shows how the Yxy color 73.3539, 0.2896, 0.3278 looks on a white background.

Color Contrast Check

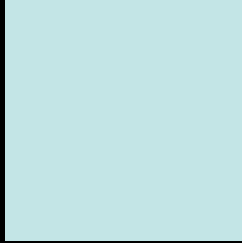
Large Text (above 18pt) WCAG AA × Fail

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 73.3539, 0.2896, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

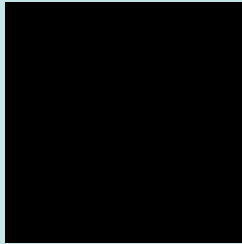
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

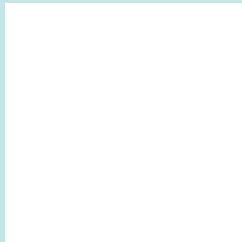
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3539, 0.2896, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 73.3539, 0.2896, 0.3278.

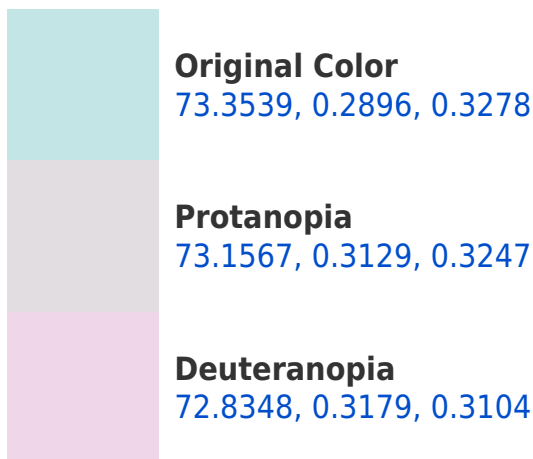


This preview shows how white text looks on a background with the Yxy color 73.3539, 0.2896, 0.3278.

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

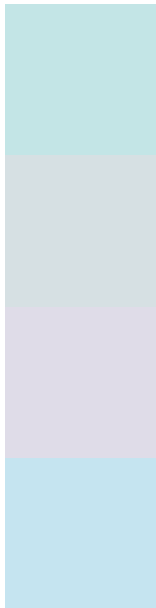




Tritanopia

73.5365, 0.2827, 0.3092

Trichromacy



Original Color

73.3539, 0.2896, 0.3278

Protanomaly

73.1535, 0.3039, 0.3257

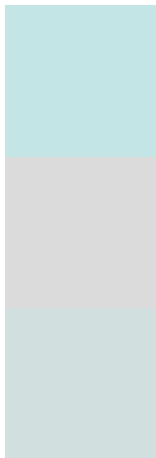
Deuteranomaly

72.7006, 0.3070, 0.3162

Tritanomaly

73.6484, 0.2850, 0.3157

Monochromacy



Original Color

73.3539, 0.2896, 0.3278

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.8047, 0.3037, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3539, 0.2896, 0.3278 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(195, 229, 230)` looks like.

```
.text, #text, p{  
    color:rgb(195, 229, 230)  
}
```

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(195, 229, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 229, 230) }
```

Border

The CSS property to change the border of an element to Yxy 73.3539, 0.2896, 0.3278 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(195, 229, 230) }
```

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

```
.border{ border-color:rgb(195, 229, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 229, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 229, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 229, 230); box-shadow:4px 4px 4px 4px rgb(195, 229, 230) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3539, 0.2896, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 229, 230) }
```

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

```
.background{ background-color: rgb(195,  
229, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor