

Converting Colors

$Yxy(71.6020, 0.2968, 0.3361)$

Have a look what the booklet for
Yxy(71.6020, 0.2968, 0.3361)
contains.

Yxy(71.4303, 0.2968, 0.3358)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.4303, 0.2968, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	C5E2DC
RGB	197, 226, 220
RGB Percent	77%, 89%, 86%
CMY	0.2275, 0.1137, 0.1373
CMYK	0.13, 0.00, 0.03, 0.11
HSL	168°, 33%, 83%
HSV	168°, 13%, 89%
XYZ	63.1343, 71.4303, 78.1522
YIQ	216.6450, -15.3580, -8.0140

Conversions

Conversions Part 2

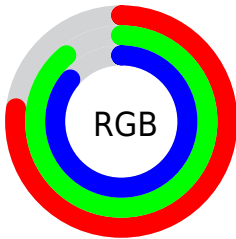
Format	Color
R _Y B	197, 213, 226
Decimal	12968668
CIE Lab	87.69, -10.70, -0.29
CIE LCh	88, 10.699, 181.543
Yxy	71.4303, 0.2968, 0.3358
Android (android.graphics.Color)	4291158748 (0xFFC5E2DC)
YUV	216.6450, 1.6540, -17.2287
Hunter-Lab	84.5164, -14.5631, 4.3362

Details

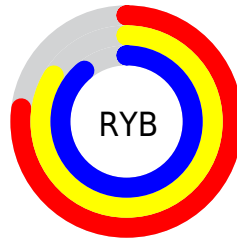
The Yxy color **71.4303, 0.2968, 0.3358** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.4086, 0.3314, 0.3223**, and the grayscale version is **69.1276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **37.6821, 0.2931, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **68.3623, 0.2851, 0.3417**, and if you desaturate by 10%, it is **74.9686, 0.3091, 0.3304**.

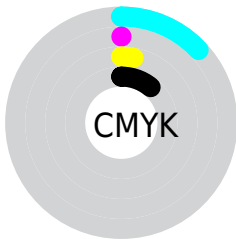
Distribution



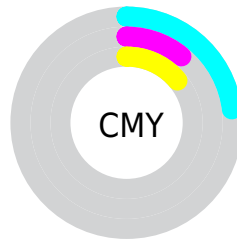
- Red (77%)
- Green (89%)
- Blue (86%)



- Red (77%)
- Yellow (84%)
- Blue (89%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



- Cyan (23%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.4303, 0.2968, 0.3358 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 71.4303, 0.2968, 0.3358 by changing the saturation by 10% instead.

■ 71.4303, 0.2968,
0.3358

■ 71.4303, 0.2968,
0.3358

465.5562, 0.3042,
0.3327

■ 52.6934, 0.2951,
0.3365

121.2462, 0.2994,
0.3347

■ 37.5581, 0.2930,
0.3374

153.0941, 0.3004,
0.3343

■ 25.6399, 0.2903,
0.3385

190.0810, 0.3012,
0.3339

■ 16.5544, 0.2869,
0.3400

232.5915, 0.3020,
0.3336

■ 9.9173, 0.2821,
0.3420

281.0098, 0.3026,
0.3333

■ 5.3442, 0.2751,
0.3450

335.7205, 0.3032,

■ 2.4506, 0.2641,

0.3331

397.1078, 0.3037,
0.3329

0.3496

0.8517, 0.2336,
0.3628

0.0000, 0.0000,
0.0000

71.4303, 0.2968,
0.3358

71.4303, 0.2968,
0.3358

68.3623, 0.2851,
0.3417

74.9686, 0.3091,
0.3304

65.7354, 0.2743,
0.3481


78.9875, 0.3218,
0.3256


63.5306, 0.2648,
0.3549


81.6039, 0.3277,
0.3211

61.7243, 0.2568,
0.3621


81.8778, 0.3246,
0.3165

 60.2902, 0.2505,
0.3695


 82.1588, 0.3215,
0.3119


 59.1992, 0.2461,
0.3771

 82.4472, 0.3184,
0.3074

 58.4173, 0.2438,
0.3848

 82.7429, 0.3154,
0.3029

 57.9039, 0.2433,
0.3924

 82.8791, 0.3140,
0.3009

 57.6544, 0.2439,
0.3979

Harmonies

Analogous

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



71.4303, 0.3085, 0.3460



71.4303, 0.2968, 0.3358



71.4303, 0.2894, 0.3239

Triad

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



71.4303, 0.2968, 0.3358



71.4303, 0.3035, 0.3076



71.4303, 0.3380, 0.3437

Complementary

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



71.4303, 0.2968, 0.3358



60.4086, 0.3314, 0.3223

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.



71.4303, 0.3367, 0.3334



71.4303, 0.2968, 0.3358



71.4303, 0.3165, 0.3129

Square

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



71.4303, 0.2968, 0.3358



71.4303, 0.2932, 0.3078



71.4303, 0.3287, 0.3222



71.4303, 0.3324, 0.3504

Rectangle

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



71.4303, 0.2968, 0.3358



71.4303, 0.2877, 0.3167



71.4303, 0.3287, 0.3222



71.4303, 0.3384, 0.3406

Sweetspot

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



71.4333, 0.2968, 0.3358



97.9807, 0.3076, 0.3310



71.1645, 0.3155, 0.3623



20.8931, 0.3067, 0.3314



0.0000, 0.0000, 0.0000



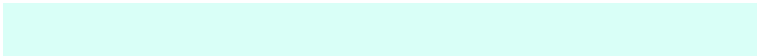
21.4041, 0.3127, 0.3290

Same Dimension

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



71.4333, 0.2968, 0.3358



92.9517, 0.2941, 0.3371



67.3923, 0.2929, 0.3196



15.5210, 0.3009, 0.3339



32.9058, 0.2435, 0.3966



2.2933, 0.2403, 0.3849

Inverse Universe

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



60.4086, 0.3314, 0.3223



76.1770, 0.3353, 0.3211



63.9636, 0.3349, 0.3382



13.7469, 0.3259, 0.3241



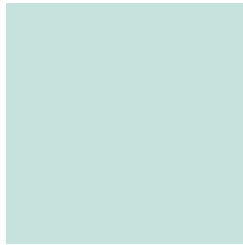
9.3553, 0.6046, 0.3104



0.6615, 0.5619, 0.2869

Previews

White Background



This preview shows how the Yxy color 71.4303, 0.2968, 0.3358 looks on a white background.

Color Contrast Check

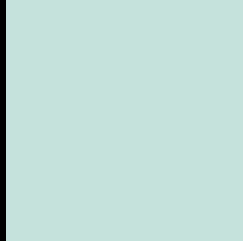
Large Text (above 18pt) WCAG AA × Fail

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 71.4303, 0.2968, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

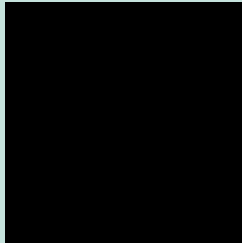
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

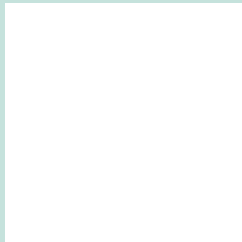
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.4303, 0.2968, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 71.4303, 0.2968, 0.3358.

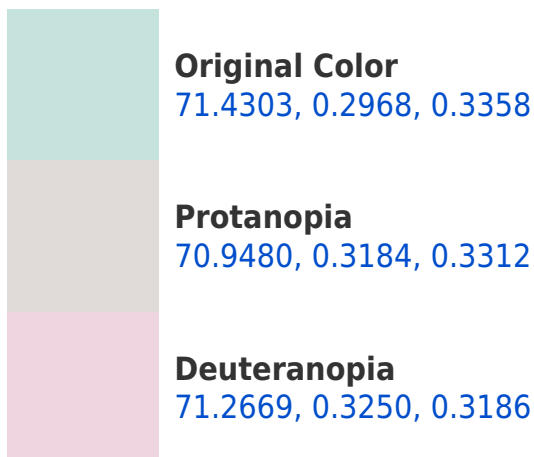


This preview shows how white text looks on a background with the Yxy color 71.4303, 0.2968, 0.3358.

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

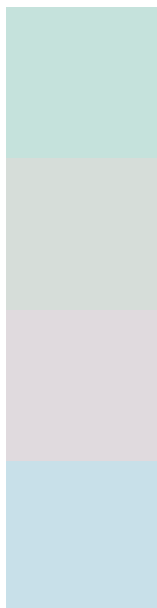




Tritanopia

71.5437, 0.2867, 0.3091

Trichromacy



Original Color

71.4303, 0.2968, 0.3358

Protanomaly

71.0188, 0.3104, 0.3334

Deuteranomaly

71.2640, 0.3144, 0.3247

Tritanomaly

71.4739, 0.2909, 0.3189

Monochromacy



Original Color

71.4303, 0.2968, 0.3358

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.9500, 0.3070, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4303, 0.2968, 0.3358 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(197, 226, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 226, 220) }
```

Border

The CSS property to change the border of an element to Yxy 71.4303, 0.2968, 0.3358 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, 220) }
```

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

```
.border{ border-color:rgb(197, 226, 220) }
```

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, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 226, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 226, 220);  
box-shadow:4px 4px 4px 4px rgb(197, 226,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4303, 0.2968, 0.3358 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, 220) }
```

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

```
.background{ background-color: rgb(197,  
226, 220) }
```

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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