

Converting Colors

$Yxy(71.8594, 0.2964, 0.3283)$

Have a look what the booklet for
Yxy(71.8594, 0.2964, 0.3283)
contains.

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Color

Yxy(71.8980, 0.2964, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	CAE1E2
RGB	202, 225, 226
RGB Percent	79%, 88%, 89%
CMY	0.2079, 0.1176, 0.1136
CMYK	0.11, 0.00, 0.00, 0.11
HSL	183°, 29%, 84%
HSV	183°, 11%, 89%
XYZ	65.0109, 71.8980, 82.4261
YIQ	218.2370, -14.0290, -4.5650

Conversions

Conversions Part 2

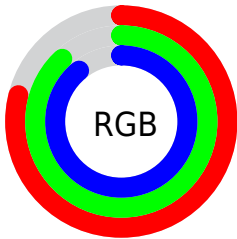
Format	Color
R_{YB}	202, 214, 226
Decimal	13296098
CIE Lab	87.92, -7.39, -3.11
CIE LCh	88, 8.014, 202.798
Yxy	71.8980, 0.2964, 0.3278
Android (android.graphics.Color)	4291486178 (0xFFCAE1E2)
YUV	218.2370, 3.8272, -14.2398
Hunter-Lab	84.7927, -11.5306, 1.7197

Details

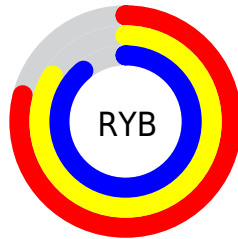
The Yxy color **71.8980, 0.2964, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1587, 0.3314, 0.3302**, and the grayscale version is **70.2651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9856, 0.2926, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **68.4541, 0.2818, 0.3266**, and if you desaturate by 10%, it is **75.8127, 0.3117, 0.3289**.

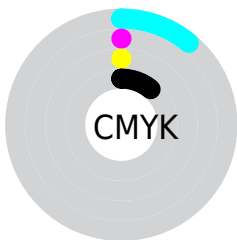
Distribution



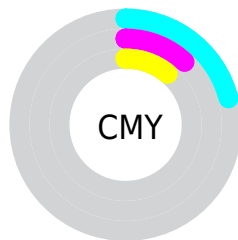
- Red (79%)
- Green (88%)
- Blue (89%)



- Red (79%)
- Yellow (84%)
- Blue (89%)



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



- Cyan (21%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.8980, 0.2964, 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 71.8980, 0.2964, 0.3278 by changing the saturation by 10% instead.

■ 71.8980, 0.2964,
0.3278

■ 71.8980, 0.2964,
0.3278

467.1865, 0.3039,
0.3284

■ 53.0754, 0.2947,
0.3276

121.9115, 0.2990,
0.3280

■ 37.8629, 0.2926,
0.3275

153.8712, 0.3000,
0.3281

■ 25.8763, 0.2899,
0.3272

190.9786, 0.3009,
0.3282

■ 16.7311, 0.2863,
0.3268

233.6182, 0.3017,
0.3282

■ 10.0430, 0.2815,
0.3263

282.1744, 0.3023,
0.3283

■ 5.4275, 0.2746,
0.3255

337.0316, 0.3029,

■ 2.5002, 0.2637,

0.3283

398.5742, 0.3035,
0.3284

0.3241

0.8767, 0.2404,
0.3227

0.0000, 0.0000,
0.0000

71.8980, 0.2964,
0.3278

71.8980, 0.2964,
0.3278

68.4541, 0.2818,
0.3266

75.8127, 0.3117,
0.3289

65.4519, 0.2684,
0.3253

80.2079, 0.3275,
0.3300

62.8730, 0.2563,
0.3239

82.1886, 0.3329,
0.3309

60.6942, 0.2458,
0.3225

82.7221, 0.3328,
0.3319

■ 58.8899, 0.2371,
0.3211

■ 83.2585, 0.3327,
0.3328

■ 57.4316, 0.2303,
0.3196

■ 83.7980, 0.3326,
0.3338

■ 56.2869, 0.2255,
0.3182

■ 84.3405, 0.3325,
0.3348

■ 55.4168, 0.2225,
0.3167

■ 84.8859, 0.3324,
0.3357

■ 54.7892, 0.2210,
0.3154

■ 85.4344, 0.3322,
0.3367

Harmonies

Analogous

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



71.8980, 0.3031, 0.3365



71.8980, 0.2964, 0.3278



71.8980, 0.2940, 0.3196

Triad

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



71.8980, 0.2964, 0.3278



71.8980, 0.3127, 0.3153



71.8980, 0.3292, 0.3440

Complementary

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



71.8980, 0.2964, 0.3278



63.1587, 0.3314, 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.



71.8980, 0.3318, 0.3380



71.8980, 0.2964, 0.3278



71.8980, 0.3223, 0.3216

Square

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



71.8980, 0.2964, 0.3278



71.8980, 0.3033, 0.3125



71.8980, 0.3293, 0.3299



71.8980, 0.3220, 0.3460

Rectangle

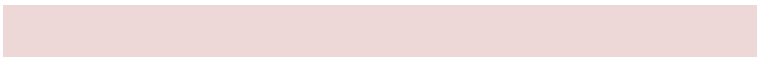
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.8980, 0.2964, 0.3278



71.8980, 0.2951, 0.3155



71.8980, 0.3293, 0.3299



71.8980, 0.3306, 0.3424

Sweetspot

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



71.9010, 0.2964, 0.3278



98.3691, 0.3080, 0.3287



71.2681, 0.3109, 0.3556



20.9638, 0.3068, 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.



71.9010, 0.2964, 0.3278



93.3440, 0.2928, 0.3275



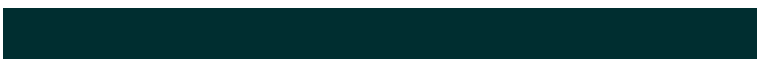
65.7423, 0.2962, 0.3144



15.4665, 0.2982, 0.3279



31.2930, 0.2210, 0.3156



2.2007, 0.2216, 0.3178

Inverse Universe

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



63.8469, 0.3147, 0.3040



80.5519, 0.3151, 0.2982



68.9438, 0.3299, 0.3431



13.9250, 0.3144, 0.3069



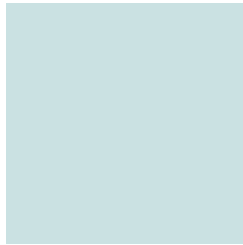
12.0671, 0.3319, 0.1602



0.8396, 0.3300, 0.1592

Previews

White Background



This preview shows how the Yxy color 71.8980, 0.2964, 0.3278 looks on a white background.

Color Contrast Check

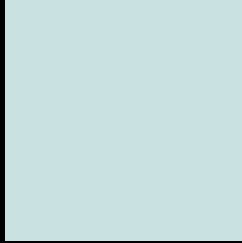
Large Text (above 18pt) WCAG AA × Fail

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 71.8980, 0.2964, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

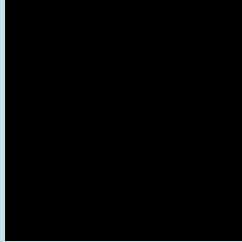
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

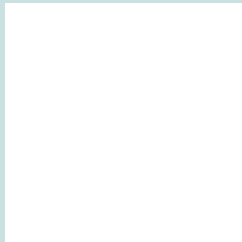
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8980, 0.2964, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 71.8980, 0.2964, 0.3278.

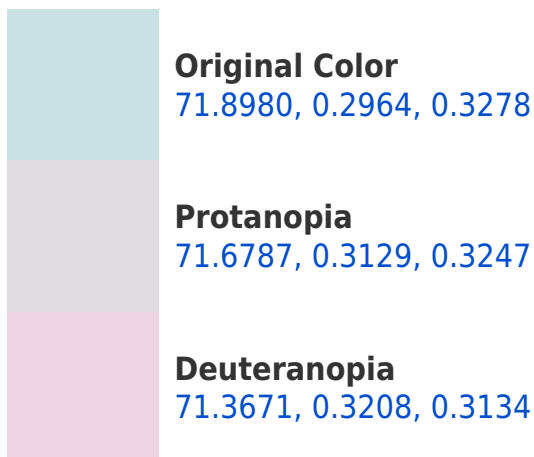


This preview shows how white text looks on a background with the Yxy color 71.8980, 0.2964, 0.3278.

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

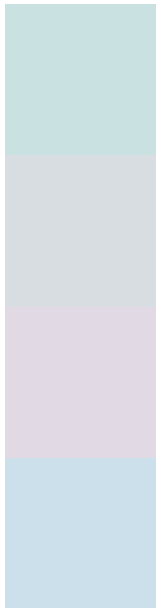




Tritanopia

72.0458, 0.2899, 0.3104

Trichromacy



Original Color

71.8980, 0.2964, 0.3278

Protanomaly

71.5418, 0.3065, 0.3257

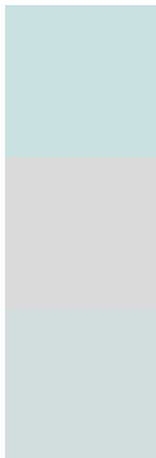
Deuteranomaly

71.1793, 0.3118, 0.3183

Tritanomaly

72.1468, 0.2923, 0.3168

Monochromacy



Original Color

71.8980, 0.2964, 0.3278

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.9304, 0.3064, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8980, 0.2964, 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(202, 225, 226)` looks like.

```
.text, #text, p{  
    color:rgb(202, 225, 226)  
}
```

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(202, 225, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 225, 226) }
```

Border

The CSS property to change the border of an element to Yxy 71.8980, 0.2964, 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(202, 225, 226) }
```

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

```
.border{ border-color:rgb(202, 225, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 225, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 225, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 225, 226);  
box-shadow:4px 4px 4px 4px rgb(202, 225,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8980, 0.2964, 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(202, 225, 226) }
```

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

```
.background{ background-color: rgb(202,  
225, 226) }
```

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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