

Converting Colors

$Yxy(73.7171, 0.2973, 0.3268)$

Have a look what the booklet for
Yxy(73.7171, 0.2973, 0.3268)
contains.

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Color

Yxy(73.7171, 0.2973, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	CEE3E5
RGB	206, 227, 229
RGB Percent	81%, 89%, 90%
CMY	0.1921, 0.1098, 0.1021
CMYK	0.10, 0.01, 0.00, 0.10
HSL	185°, 31%, 85%
HSV	185°, 10%, 90%
XYZ	67.0627, 73.7171, 84.7927
YIQ	220.9490, -13.1580, -3.8300

Conversions

Conversions Part 2

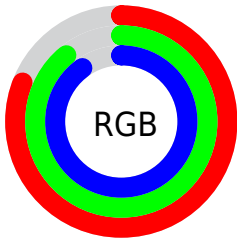
Format	Color
R _Y B	206, 217, 229
Decimal	13558757
CIE Lab	88.79, -6.55, -3.33
CIE LCh	89, 7.348, 206.991
Yxy	73.7171, 0.2973, 0.3268
Android (android.graphics.Color)	4291748837 (0xFFCEE3E5)
YUV	220.9490, 3.9691, -13.1103
Hunter-Lab	85.8587, -10.8294, 1.5472

Details

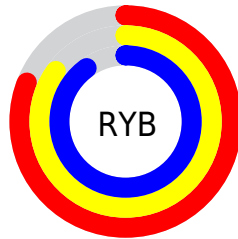
The Yxy color **73.7171, 0.2973, 0.3268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2024, 0.3301, 0.3312**, and the grayscale version is **72.2486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2364, 0.2937, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **69.6181, 0.2826, 0.3244**, and if you desaturate by 10%, it is **78.3117, 0.3127, 0.3290**.

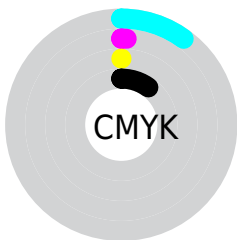
Distribution



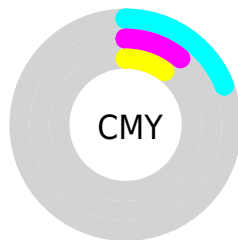
- Red (81%)
- Green (89%)
- Blue (90%)



- Red (81%)
- Yellow (85%)
- Blue (90%)



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



- Cyan (19%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7171, 0.2973, 0.3268 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 73.7171, 0.2973, 0.3268 by changing the saturation by 10% instead.

■ 73.7171, 0.2973,
0.3268

■ 73.7171, 0.2973,
0.3268

473.4964, 0.3044,
0.3279

■ 54.5625, 0.2957,
0.3265

124.4947, 0.2998,
0.3272

■ 39.0516, 0.2937,
0.3262

156.8865, 0.3007,
0.3273

■ 26.7999, 0.2912,
0.3258

194.4595, 0.3015,
0.3274

■ 17.4230, 0.2879,
0.3253

237.5981, 0.3023,
0.3276

■ 10.5365, 0.2835,
0.3245

286.6867, 0.3029,
0.3276

■ 5.7561, 0.2771,
0.3233

342.1097, 0.3034,

■ 2.6973, 0.2671,

0.3277

0.3213

404.2515, 0.3039,
0.3278

0.9758, 0.2490,
0.3177

0.0000, 0.0000,
0.0000

73.7171, 0.2973,
0.3268

73.7171, 0.2973,
0.3268

69.6181, 0.2826,
0.3244

78.3117, 0.3127,
0.3290

65.9848, 0.2687,
0.3219

83.4119, 0.3284,
0.3310

62.7983, 0.2562,
0.3191

85.1097, 0.3304,
0.3329

60.0346, 0.2451,
0.3163

86.2183, 0.3302,
0.3348

■ 57.6675, 0.2358,
0.3134

■ 87.3391, 0.3300,
0.3367

■ 55.6678, 0.2284,
0.3105

■ 88.4722, 0.3298,
0.3386

■ 54.0022, 0.2229,
0.3075

■ 89.6175, 0.3296,
0.3405

■ 52.6310, 0.2193,
0.3046

■ 90.7753, 0.3293,
0.3424

■ 51.4880, 0.2172,
0.3018

■ 91.9453, 0.3291,
0.3443

Harmonies

Analogous

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



73.7171, 0.3030, 0.3348



73.7171, 0.2973, 0.3268



73.7171, 0.2957, 0.3195

Triad

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



73.7171, 0.2973, 0.3268



73.7171, 0.3140, 0.3172



73.7171, 0.3270, 0.3431

Complementary

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



73.7171, 0.2973, 0.3268



66.2024, 0.3301, 0.3312

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.



73.7171, 0.3300, 0.3382



73.7171, 0.2973, 0.3268



73.7171, 0.3225, 0.3233

Square

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



73.7171, 0.2973, 0.3268



73.7171, 0.3052, 0.3141



73.7171, 0.3284, 0.3309



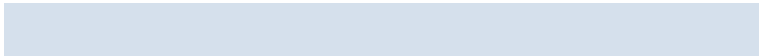
73.7171, 0.3201, 0.3443

Rectangle

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



73.7171, 0.2973, 0.3268



73.7171, 0.2972, 0.3161



73.7171, 0.3284, 0.3309



73.7171, 0.3285, 0.3418

Sweetspot

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



73.7202, 0.2973, 0.3268



98.1631, 0.3080, 0.3284



73.6902, 0.3103, 0.3526



20.9080, 0.3068, 0.3282



0.0000, 0.0000, 0.0000



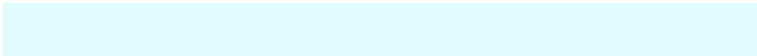
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7202, 0.2973, 0.3268



93.0008, 0.2942, 0.3263



67.6715, 0.2972, 0.3140



16.1155, 0.2982, 0.3269



29.5380, 0.2173, 0.3022



2.2449, 0.2185, 0.3064

Inverse Universe

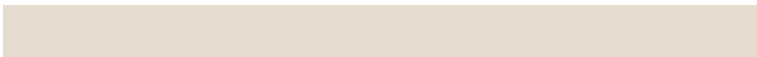
The Inverse Universe completely reimagines the original color for something new.



66.3457, 0.3152, 0.3065



81.8400, 0.3158, 0.3018



71.9791, 0.3287, 0.3435



14.5930, 0.3151, 0.3078



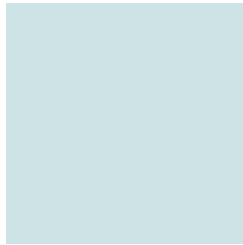
12.1796, 0.3435, 0.1666



0.9063, 0.3398, 0.1646

Previews

White Background



This preview shows how the Yxy color 73.7171, 0.2973, 0.3268 looks on a white background.

Color Contrast Check

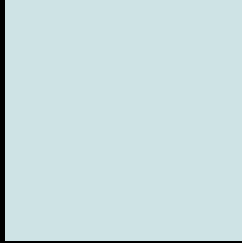
Large Text (above 18pt) WCAG AA × Fail

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 73.7171, 0.2973, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

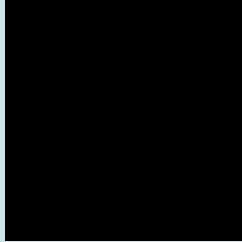
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

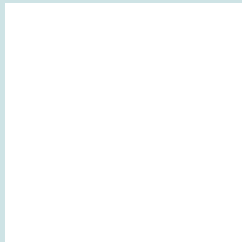
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7171, 0.2973, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 73.7171, 0.2973, 0.3268.

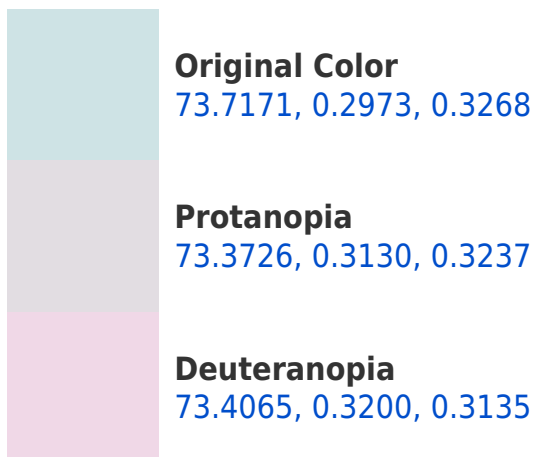


This preview shows how white text looks on a background with the Yxy color 73.7171, 0.2973, 0.3268.

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

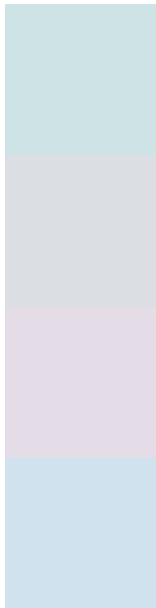




Tritanopia

73.7314, 0.2901, 0.3095

Trichromacy



Original Color

73.7171, 0.2973, 0.3268

Protanomaly

73.3815, 0.3073, 0.3247

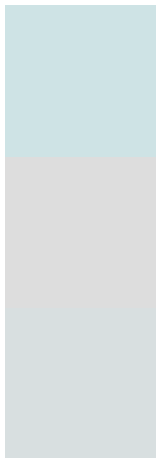
Deuteranomaly

73.3936, 0.3118, 0.3184

Tritanomaly

73.8312, 0.2925, 0.3159

Monochromacy



Original Color

73.7171, 0.2973, 0.3268

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.7561, 0.3072, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7171, 0.2973, 0.3268 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(206, 227, 229)` looks like.

```
.text, #text, p{  
    color:rgb(206, 227, 229)  
}
```

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(206, 227, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 227, 229) }
```

Border

The CSS property to change the border of an element to Yxy 73.7171, 0.2973, 0.3268 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(206, 227, 229) }
```

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

```
.border{ border-color:rgb(206, 227, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 227, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 227, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 227, 229);  
box-shadow:4px 4px 4px 4px rgb(206, 227,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7171, 0.2973, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 227, 229) }
```

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

```
.background{ background-color: rgb(206,  
227, 229) }
```

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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