

Converting Colors

$Yxy(71.6745, 0.3019, 0.3287)$

Have a look what the booklet for
Yxy(71.6745, 0.3019, 0.3287)
contains.

Yxy(71.5671, 0.3017, 0.3279)	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(71.5671, 0.3017, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D0DFE0
RGB	208, 223, 224
RGB Percent	82%, 87%, 88%
CMY	0.1844, 0.1254, 0.1217
CMYK	0.07, 0.00, 0.00, 0.12
HSL	184°, 20%, 85%
HSV	184°, 7%, 88%
XYZ	65.8487, 71.5671, 80.8431
YIQ	218.6290, -9.2610, -2.8690

Conversions

Conversions Part 2

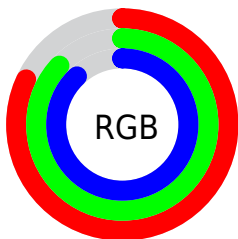
Format	Color
R _Y B	208, 216, 224
Decimal	13688800
CIE Lab	87.76, -4.82, -2.21
CIE LCh	88, 5.297, 204.615
Yxy	71.5671, 0.3017, 0.3279
Android (android.graphics.Color)	4291878880 (0xFFD0DFE0)
YUV	218.6290, 2.6479, -9.3216
Hunter-Lab	84.5973, -9.1049, 2.5593

Details

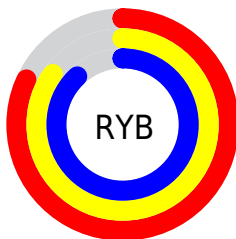
The Yxy color **71.5671, 0.3017, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9722, 0.3248, 0.3301**, and the grayscale version is **70.5537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7399, 0.2993, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **67.8337, 0.2868, 0.3263**, and if you desaturate by 10%, it is **75.7707, 0.3172, 0.3294**.

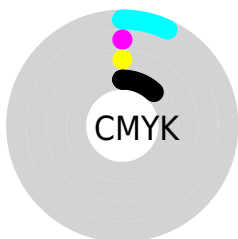
Distribution



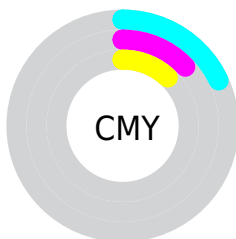
- Red (82%)
- Green (87%)
- Blue (88%)



- Red (82%)
- Yellow (85%)
- Blue (88%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (18%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.5671, 0.3017, 0.3279 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 71.5671, 0.3017, 0.3279 by changing the saturation by 10% instead.

■ 71.5671, 0.3017,
0.3279

■ 71.5671, 0.3017,
0.3279

466.0334, 0.3068,
0.3284

■ 52.8051, 0.3005,
0.3278

121.4409, 0.3035,
0.3281

■ 37.6472, 0.2991,
0.3276

153.3214, 0.3042,
0.3282

■ 25.7090, 0.2973,
0.3274

190.3437, 0.3048,
0.3282

■ 16.6061, 0.2948,
0.3271

232.8919, 0.3053,
0.3283

■ 9.9540, 0.2916,
0.3267

281.3507, 0.3057,
0.3283

■ 5.3685, 0.2868,
0.3261

336.1042, 0.3061,

■ 2.4650, 0.2793,

0.3284

397.5370, 0.3065,
0.3284

0.3250

0.8591, 0.2634,
0.3238

0.0000, 0.0000,
0.0000

71.5671, 0.3017,
0.3279

71.5671, 0.3017,
0.3279

67.8337, 0.2868,
0.3263

75.7707, 0.3172,
0.3294

64.5422, 0.2728,
0.3245

80.4534, 0.3330,
0.3308

61.6753, 0.2601,
0.3226

81.6048, 0.3344,
0.3321

59.2108, 0.2488,
0.3206

82.3440, 0.3343,
0.3335

■ 57.1246, 0.2393,
0.3186

■ 83.0889, 0.3341,
0.3348

■ 55.3901, 0.2316,
0.3166

■ 83.8396, 0.3339,
0.3361

■ 53.9769, 0.2259,
0.3145

■ 84.5961, 0.3338,
0.3375

■ 52.8496, 0.2221,
0.3125

■ 85.3583, 0.3336,
0.3388

■ 51.9615, 0.2199,
0.3105

■ 86.1264, 0.3334,
0.3401

Harmonies

Analogous

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



71.5671, 0.3061, 0.3337



71.5671, 0.3017, 0.3279



71.5671, 0.3003, 0.3225

Triad

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



71.5671, 0.3017, 0.3279



71.5671, 0.3131, 0.3201



71.5671, 0.3234, 0.3391

Complementary

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



71.5671, 0.3017, 0.3279



65.9722, 0.3248, 0.3301

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.



71.5671, 0.3253, 0.3353



71.5671, 0.3017, 0.3279



71.5671, 0.3194, 0.3244

Square

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



71.5671, 0.3017, 0.3279



71.5671, 0.3068, 0.3181



71.5671, 0.3239, 0.3300



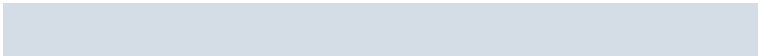
71.5671, 0.3186, 0.3402

Rectangle

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



71.5671, 0.3017, 0.3279



71.5671, 0.3012, 0.3199



71.5671, 0.3239, 0.3300



71.5671, 0.3244, 0.3381

Sweetspot

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



71.5701, 0.3017, 0.3279



98.8502, 0.3096, 0.3287



71.2974, 0.3114, 0.3461



21.1701, 0.3097, 0.3287



0.0000, 0.0000, 0.0000



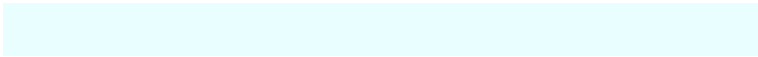
21.4041, 0.3127, 0.3290

Same Dimension

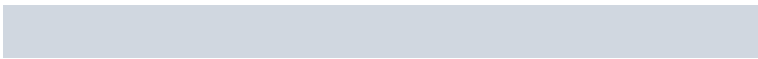
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.5701, 0.3017, 0.3279



95.0276, 0.2988, 0.3276



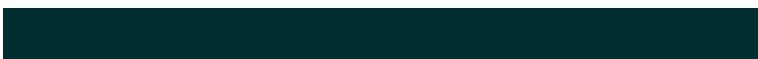
67.4817, 0.3018, 0.3191



15.4239, 0.2982, 0.3275



30.1801, 0.2195, 0.3102



2.1353, 0.2204, 0.3133

Inverse Universe

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



66.2774, 0.3142, 0.3127



86.1329, 0.3146, 0.3082



69.9084, 0.3240, 0.3387



13.9207, 0.3147, 0.3073



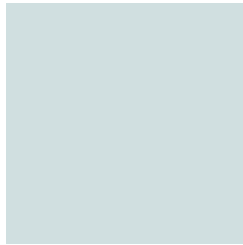
11.9547, 0.3365, 0.1627



0.8330, 0.3339, 0.1613

Previews

White Background



This preview shows how the Yxy color 71.5671, 0.3017, 0.3279 looks on a white background.

Color Contrast Check

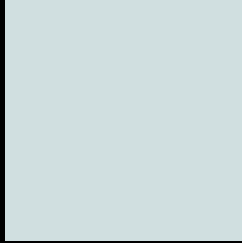
Large Text (above 18pt) WCAG AA × Fail

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 71.5671, 0.3017, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

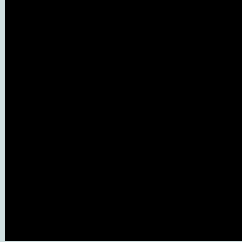
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

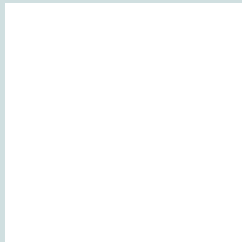
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.5671, 0.3017, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 71.5671, 0.3017, 0.3279.

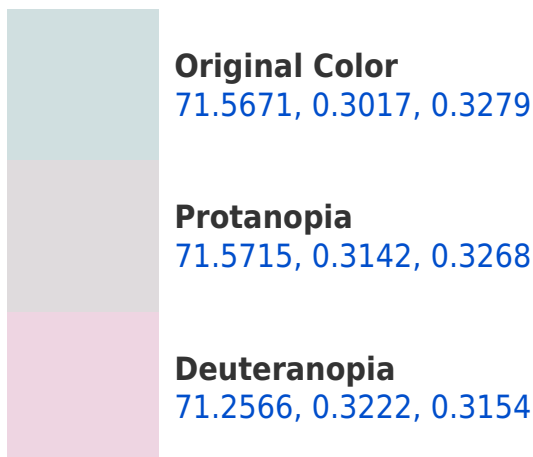


This preview shows how white text looks on a background with the Yxy color 71.5671, 0.3017, 0.3279.

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

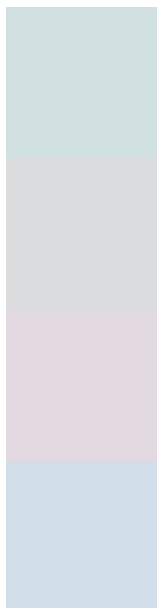




Tritanopia

71.5876, 0.2943, 0.3105

Trichromacy



Original Color

71.5671, 0.3017, 0.3279

Protanomaly

71.3658, 0.3100, 0.3268

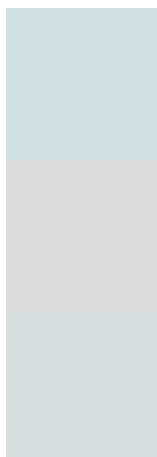
Deuteranomaly

71.3928, 0.3146, 0.3204

Tritanomaly

71.6811, 0.2968, 0.3169

Monochromacy



Original Color

71.5671, 0.3017, 0.3279

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.8539, 0.3085, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5671, 0.3017, 0.3279 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(208, 223, 224)` looks like.

```
.text, #text, p{  
    color:rgb(208, 223, 224)  
}
```

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(208, 223, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 223, 224) }
```

Border

The CSS property to change the border of an element to Yxy 71.5671, 0.3017, 0.3279 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(208, 223, 224) }
```

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

```
.border{ border-color:rgb(208, 223, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 223, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 223, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 223, 224);  
box-shadow:4px 4px 4px 4px rgb(208, 223,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5671, 0.3017, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 223, 224) }
```

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

```
.background{ background-color: rgb(208,  
223, 224) }
```

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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