

# Converting Colors

Yxy(71.2354, 0.3043, 0.3303)

Have a look what the booklet for  
Yxy(71.2354, 0.3043, 0.3303)  
contains.

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# Color

**Yxy(71.0183, 0.3043, 0.3301)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D1DEDD
RGB	209, 222, 221
RGB Percent	82%, 87%, 87%
CMY	0.1803, 0.1294, 0.1334
CMYK	0.06, 0.00, 0.00, 0.13
HSL	175°, 16%, 85%
HSV	175°, 6%, 87%
XYZ	65.4676, 71.0183, 78.6558
YIQ	217.9990, -7.4270, -3.0670

# Conversions

## Conversions Part 2

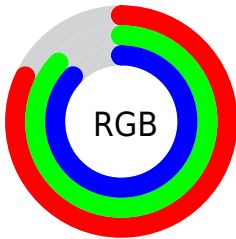
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	209, 216, 222
Decimal	13754077
CIE Lab	87.49, -4.52, -1.02
CIE LCh	87, 4.637, 192.661
Yxy	71.0183, 0.3043, 0.3301
Android (android.graphics.Color)	4291944157 (0xFFD1DEDD)
YUV	217.9990, 1.4795, -7.8921
Hunter-Lab	84.2724, -8.8075, 3.6522

# Details

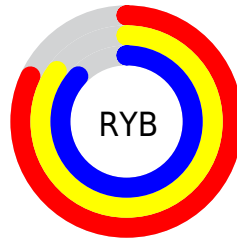
The Yxy color **71.0183, 0.3043, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.7909, 0.3218, 0.3279**, and the grayscale version is **70.1061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3592, 0.3027, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **67.9135, 0.2904, 0.3321**, and if you desaturate by 10%, it is **74.5813, 0.3188, 0.3283**.

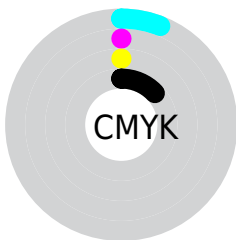
# Distribution



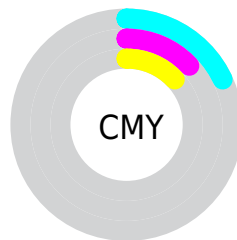
- Red (82%)
- Green (87%)
- Blue (87%)



- Red (82%)
- Yellow (85%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



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

# Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0183, 0.3043, 0.3301 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 71.0183, 0.3043, 0.3301 by changing the saturation by 10% instead.



■ 71.0183, 0.3043,  
0.3301

■ 71.0183, 0.3043,  
0.3301

464.1174, 0.3082,  
0.3296

■ 52.3571, 0.3034,  
0.3302

120.6598, 0.3057,  
0.3299

■ 37.2898, 0.3023,  
0.3303

152.4089, 0.3062,  
0.3299

■ 25.4320, 0.3009,  
0.3305

189.2894, 0.3066,  
0.3298

■ 16.3992, 0.2990,  
0.3307

231.6858, 0.3070,  
0.3298

■ 9.8071, 0.2965,  
0.3310

279.9824, 0.3074,  
0.3297

■ 5.2712, 0.2928,  
0.3315

334.5636, 0.3077,

■ 2.4073, 0.2869,

0.3297

0.3321

395.8138, 0.3080,  
0.3296

0.8296, 0.2732,  
0.3342

0.0000, 0.0000,  
0.0000

71.0183, 0.3043,  
0.3301

71.0183, 0.3043,  
0.3301

67.9135, 0.2904,  
0.3321

74.5813, 0.3188,  
0.3283

65.2392, 0.2775,  
0.3343

78.6110, 0.3336,  
0.3266


62.9788, 0.2658,  
0.3367


79.0057, 0.3336,  
0.3249

61.1107, 0.2555,  
0.3392


79.1014, 0.3324,  
0.3232

 59.6117, 0.2470,  
0.3417

 79.1980, 0.3312,  
0.3214


 58.4561, 0.2403,  
0.3444


 79.2956, 0.3300,  
0.3197

 57.6147, 0.2356,  
0.3470

 79.3942, 0.3288,  
0.3180

 57.0536, 0.2328,  
0.3497

 79.4938, 0.3276,  
0.3163

 56.7310, 0.2317,  
0.3523

 79.5943, 0.3264,  
0.3146

# Harmonies

## Analogous

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



71.0183, 0.3089, 0.3349



71.0183, 0.3043, 0.3301



71.0183, 0.3019, 0.3251

# Triad

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



71.0183, 0.3043, 0.3301



71.0183, 0.3108, 0.3202



71.0183, 0.3231, 0.3368

# Complementary

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



71.0183, 0.3043, 0.3301



65.7909, 0.3218, 0.3279

# 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.



71.0183, 0.3236, 0.3328



71.0183, 0.3043, 0.3301



71.0183, 0.3165, 0.3233

# Square

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



71.0183, 0.3043, 0.3301



71.0183, 0.3057, 0.3194



71.0183, 0.3212, 0.3279



71.0183, 0.3198, 0.3387

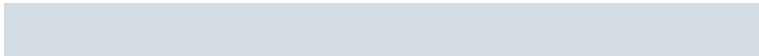


# Rectangle

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



71.0183, 0.3043, 0.3301



71.0183, 0.3019, 0.3223



71.0183, 0.3212, 0.3279



71.0183, 0.3236, 0.3356

# Sweetspot

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



71.0213, 0.3043, 0.3301



99.0199, 0.3098, 0.3294



70.5639, 0.3128, 0.3436



21.2046, 0.3099, 0.3294



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

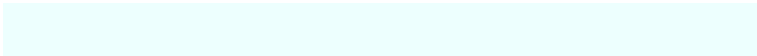


# Same Dimension

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



71.0213, 0.3043, 0.3301



96.6810, 0.3026, 0.3303



68.2457, 0.3037, 0.3229



15.6881, 0.3019, 0.3304



33.6476, 0.2314, 0.3530



2.3378, 0.2303, 0.3489

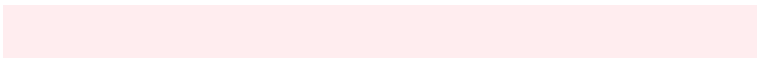


# Inverse Universe

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



65.7909, 0.3218, 0.3279



88.1203, 0.3238, 0.3277



68.4425, 0.3220, 0.3350



14.2009, 0.3247, 0.3276



9.2553, 0.6312, 0.3251

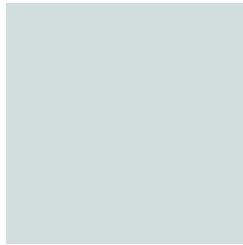


0.6477, 0.6075, 0.3120



# Previews

## White Background



This preview shows how the Yxy color 71.0183, 0.3043, 0.3301 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

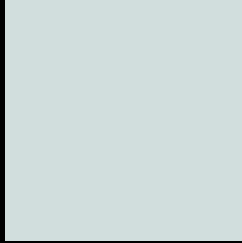
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 71.0183, 0.3043, 0.3301 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

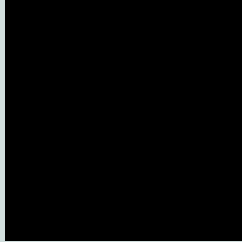
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

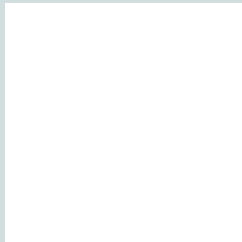
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 71.0183, 0.3043, 0.3301**

## Background



This preview shows how black text looks on a background with the Yxy color 71.0183, 0.3043, 0.3301.

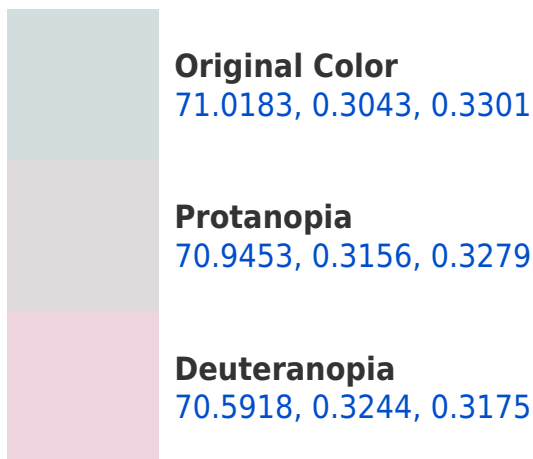


This preview shows how white text looks on a background with the Yxy color 71.0183, 0.3043, 0.3301.

# 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

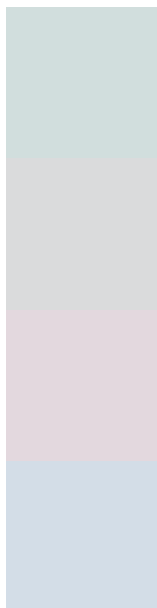




## Tritanopia

71.2979, 0.2963, 0.3105

# Trichromacy



## Original Color

71.0183, 0.3043, 0.3301

## Protanomaly

70.7358, 0.3113, 0.3279

## Deuteranomaly

70.7166, 0.3166, 0.3226

## Tritanomaly

71.3313, 0.2993, 0.3180

# Monochromacy



## Original Color

71.0183, 0.3043, 0.3301

## Achromatopsia

70.1102, 0.3127, 0.3290

## Achromatomaly

70.2246, 0.3099, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 71.0183, 0.3043, 0.3301 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(209, 222, 221)` looks like.

```
.text, #text, p{  
    color:rgb(209, 222, 221)  
}
```

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(209, 222, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 222, 221) }
```

## Border

The CSS property to change the border of an element to Yxy 71.0183, 0.3043, 0.3301 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(209, 222, 221) }
```

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

```
.border{ border-color:rgb(209, 222, 221) }
```

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

Here you see how a box with a 4 pixel rgb(209, 222, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 222, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 222, 221);  
box-shadow:4px 4px 4px 4px rgb(209, 222,  
221) }
```



# Background

The CSS property to change the background color of an element to Yxy 71.0183, 0.3043, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 222, 221) }
```

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

```
.background{ background-color: rgb(209,  
222, 221) }
```

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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