

Converting Colors

Yxy(71.9044, 0.3016, 0.3301)

Have a look what the booklet for
Yxy(71.9044, 0.3016, 0.3301)
contains.

Yxy(71.9044, 0.3016, 0.3301)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.9044, 0.3016, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	CFE0DF
RGB	207, 224, 223
RGB Percent	81%, 88%, 87%
CMY	0.1884, 0.1215, 0.1255
CMYK	0.08, 0.00, 0.00, 0.12
HSL	176°, 22%, 85%
HSV	176°, 8%, 88%
XYZ	65.6964, 71.9044, 80.2254
YIQ	218.8030, -9.8110, -3.9150

Conversions

Conversions Part 2

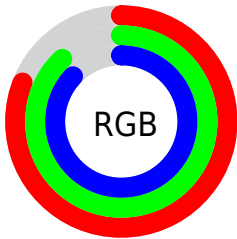
Format	Color
RYB	207, 216, 224
Decimal	13623519
CIELab	87.92, -5.86, -1.46
CIELCh	88, 6.039, 194.023
Yxy	71.9044, 0.3016, 0.3301
Android (android.graphics.Color)	4291813599 (0xFFCFE0DF)
YUV	218.8030, 2.0691, -10.3512
Hunter-Lab	84.7965, -10.1003, 3.2637

Details

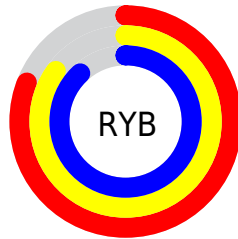
The Yxy color **71.9044, 0.3016, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0056, 0.3250, 0.3279**, and the grayscale version is **70.6819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9754, 0.2992, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **68.8353, 0.2876, 0.3317**, and if you desaturate by 10%, it is **75.4379, 0.3163, 0.3287**.

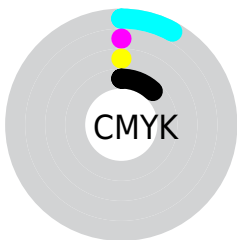
Distribution



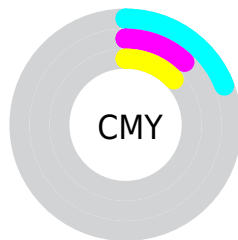
- Red (81%)
- Green (88%)
- Blue (87%)



- Red (81%)
- Yellow (85%)
- Blue (88%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (19%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.9044, 0.3016, 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 71.9044, 0.3016, 0.3301 by changing the saturation by 10% instead.

■ 71.9044, 0.3016,
0.3301

■ 71.9044, 0.3016,
0.3301

467.2088, 0.3068,
0.3296

■ 53.0806, 0.3004,
0.3302

121.9206, 0.3034,
0.3299

■ 37.8671, 0.2990,
0.3303

153.8818, 0.3041,
0.3299

■ 25.8796, 0.2971,
0.3305

190.9909, 0.3047,
0.3298

■ 16.7336, 0.2947,
0.3307

233.6323, 0.3052,
0.3298

■ 10.0447, 0.2914,
0.3310

282.1904, 0.3057,
0.3297

■ 5.4286, 0.2866,
0.3313

337.0495, 0.3061,

■ 2.5009, 0.2790,

0.3297

0.3319

398.5942, 0.3064,
0.3296

0.8771, 0.2628,
0.3337

0.0000, 0.0000,
0.0000

71.9044, 0.3016,
0.3301

71.9044, 0.3016,
0.3301

68.8353, 0.2876,
0.3317

75.4379, 0.3163,
0.3287

66.2024, 0.2747,
0.3334

79.4446, 0.3313,
0.3274

63.9880, 0.2630,
0.3352

80.1284, 0.3327,
0.3261

62.1700, 0.2529,
0.3371

80.2028, 0.3318,
0.3247

■ 60.7243, 0.2446,
0.3390

■ 80.2777, 0.3309,
0.3234

■ 59.6238, 0.2381,
0.3410

■ 80.3532, 0.3300,
0.3221

■ 58.8382, 0.2336,
0.3431

■ 80.4293, 0.3291,
0.3208

■ 58.3317, 0.2310,
0.3451

■ 80.5059, 0.3282,
0.3194

■ 58.0554, 0.2300,
0.3470

■ 80.5832, 0.3273,
0.3181

Harmonies

Analogous

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



71.9044, 0.3075, 0.3364



71.9044, 0.3016, 0.3301



71.9044, 0.2987, 0.3236

Triad

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



71.9044, 0.3016, 0.3301



71.9044, 0.3106, 0.3177



71.9044, 0.3261, 0.3393

Complementary

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



71.9044, 0.3016, 0.3301



65.0056, 0.3250, 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.



71.9044, 0.3269, 0.3342



71.9044, 0.3016, 0.3301



71.9044, 0.3179, 0.3218

Square

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



71.9044, 0.3016, 0.3301



71.9044, 0.3038, 0.3166



71.9044, 0.3240, 0.3278



71.9044, 0.3216, 0.3417

Rectangle

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



71.9044, 0.3016, 0.3301



71.9044, 0.2988, 0.3200



71.9044, 0.3240, 0.3278



71.9044, 0.3268, 0.3378

Sweetspot

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



71.9074, 0.3016, 0.3301



99.0259, 0.3097, 0.3293



71.2470, 0.3126, 0.3483



21.2058, 0.3099, 0.3293



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

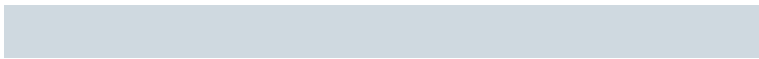
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.9074, 0.3016, 0.3301



95.8160, 0.2995, 0.3303



68.0731, 0.3010, 0.3207



15.5574, 0.2990, 0.3304



33.7630, 0.2298, 0.3472



2.3446, 0.2289, 0.3441

Inverse Universe

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



65.0056, 0.3250, 0.3279



84.9088, 0.3276, 0.3277



68.6223, 0.3250, 0.3372



13.7138, 0.3283, 0.3276



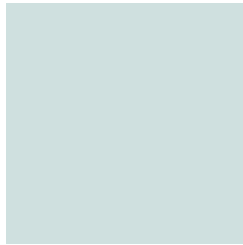
9.2474, 0.6334, 0.3263



0.6457, 0.6147, 0.3160

Previews

White Background



This preview shows how the Yxy color 71.9044, 0.3016, 0.3301 looks on a white background.

Color Contrast Check

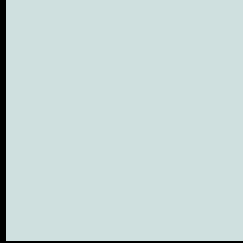
Large Text (above 18pt) WCAG AA × Fail

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 71.9044, 0.3016, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

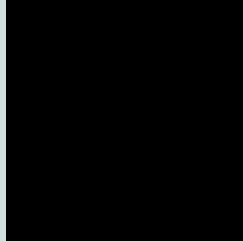
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

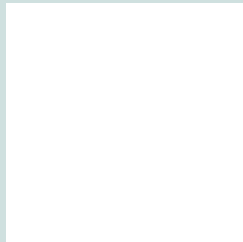
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9044, 0.3016, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 71.9044, 0.3016, 0.3301.

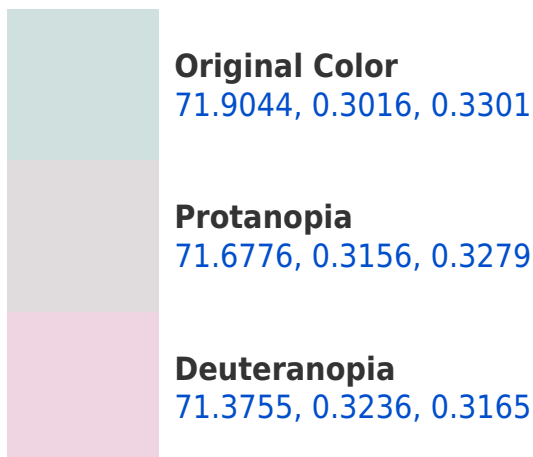


This preview shows how white text looks on a background with the Yxy color 71.9044, 0.3016, 0.3301.

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

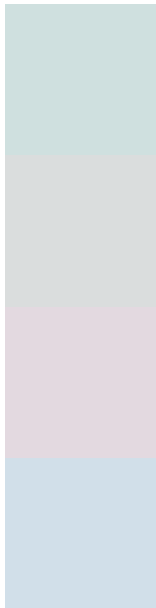




Tritanopia

72.1762, 0.2937, 0.3105

Trichromacy



Original Color

71.9044, 0.3016, 0.3301

Protanomaly

71.8388, 0.3106, 0.3290

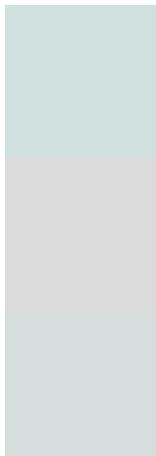
Deuteranomaly

71.3384, 0.3152, 0.3215

Tritanomaly

72.2139, 0.2968, 0.3180

Monochromacy



Original Color

71.9044, 0.3016, 0.3301

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.3273, 0.3091, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9044, 0.3016, 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(207, 224, 223)` looks like.

```
.text, #text, p{  
    color:rgb(207, 224, 223)  
}
```

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(207, 224, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 224, 223) }
```

Border

The CSS property to change the border of an element to Yxy 71.9044, 0.3016, 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(207, 224, 223) }
```

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

```
.border{ border-color:rgb(207, 224, 223) }
```

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

Here you see how a box with a 4 pixel rgb(207, 224, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 224, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 224, 223);  
box-shadow:4px 4px 4px 4px rgb(207, 224,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9044, 0.3016, 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(207, 224, 223) }
```

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

```
.background{ background-color: rgb(207,  
224, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor