

Converting Colors

$Yxy(71.3196, 0.3006, 0.3269)$

Have a look what the booklet for
Yxy(71.3196, 0.3006, 0.3269)
contains.

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Color

Yxy(71.4770, 0.3004, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	CFDFE1
RGB	207, 223, 225
RGB Percent	81%, 87%, 88%
CMY	0.1880, 0.1255, 0.1175
CMYK	0.08, 0.01, 0.00, 0.12
HSL	187°, 23%, 85%
HSV	187°, 8%, 88%
XYZ	65.7230, 71.4770, 81.5849
YIQ	218.4440, -10.1780, -2.7700

Conversions

Conversions Part 2

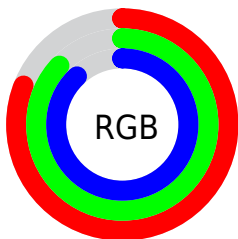
Format	Color
R_{YB}	207, 215, 225
Decimal	13623265
CIE _{Lab}	87.72, -4.91, -2.83
CIE _{LCh}	88, 5.669, 209.991
Yxy	71.4770, 0.3004, 0.3267
Android (android.graphics.Color)	4291813345 (0xFFCFDFE1)
YUV	218.4440, 3.2321, -10.0364
Hunter-Lab	84.5441, -9.1896, 1.9661

Details

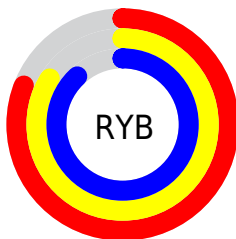
The Yxy color **71.4770, 0.3004, 0.3267** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1625, 0.3262, 0.3313**, and the grayscale version is **70.4236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6798, 0.2976, 0.3260** is the 20% darker color. If you saturate the color by 10%, you get **67.1131, 0.2854, 0.3236**, and if you desaturate by 10%, it is **76.3294, 0.3158, 0.3296**.

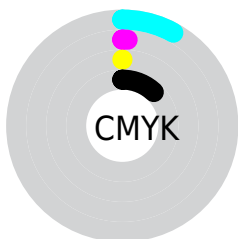
Distribution



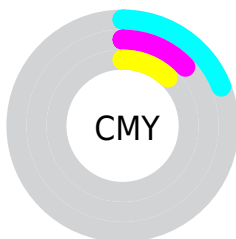
- Red (81%)
- Green (87%)
- Blue (88%)



- Red (81%)
- Yellow (84%)
- Blue (88%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.4770, 0.3004, 0.3267 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 71.4770, 0.3004, 0.3267 by changing the saturation by 10% instead.

■ 71.4770, 0.3004,
0.3267

■ 71.4770, 0.3004,
0.3267

465.7192, 0.3061,
0.3278

■ 52.7316, 0.2991,
0.3264

121.3127, 0.3024,
0.3271

■ 37.5885, 0.2975,
0.3261

153.1717, 0.3032,
0.3272

■ 25.6635, 0.2954,
0.3257

190.1707, 0.3038,
0.3274

■ 16.5721, 0.2927,
0.3251

232.6941, 0.3044,
0.3275

■ 9.9299, 0.2891,
0.3243

281.1262, 0.3049,
0.3276

■ 5.3525, 0.2838,
0.3232

335.8515, 0.3053,

■ 2.4555, 0.2754,

0.3277

0.3212

397.2544, 0.3057,
0.3277

0.8542, 0.2579,
0.3183

0.0000, 0.0000,
0.0000

71.4770, 0.3004,
0.3267

71.4770, 0.3004,
0.3267

67.1131, 0.2854,
0.3236

76.3294, 0.3158,
0.3296

63.2092, 0.2713,
0.3202

81.6795, 0.3315,
0.3321

59.7474, 0.2582,
0.3167

83.6481, 0.3333,
0.3346

56.7049, 0.2465,
0.3129

85.0831, 0.3330,
0.3372

■ 54.0573, 0.2365,
0.3090

■ 86.5390, 0.3327,
0.3397

■ 51.7771, 0.2283,
0.3051

■ 88.0158, 0.3323,
0.3421

■ 49.8333, 0.2220,
0.3011

■ 89.5137, 0.3320,
0.3446

■ 48.1893, 0.2177,
0.2971

■ 91.0326, 0.3317,
0.3471

■ 46.7937, 0.2150,
0.2932

■ 92.5728, 0.3314,
0.3495

Harmonies

Analogous

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



71.4770, 0.3046, 0.3329



71.4770, 0.3004, 0.3267



71.4770, 0.2995, 0.3212

Triad

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



71.4770, 0.3004, 0.3267



71.4770, 0.3144, 0.3201



71.4770, 0.3234, 0.3403

Complementary

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



71.4770, 0.3004, 0.3267



66.1625, 0.3262, 0.3313

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.



71.4770, 0.3261, 0.3367



71.4770, 0.3004, 0.3267



71.4770, 0.3209, 0.3251

Square

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



71.4770, 0.3004, 0.3267



71.4770, 0.3075, 0.3175



71.4770, 0.3252, 0.3311



71.4770, 0.3178, 0.3408

Rectangle

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



71.4770, 0.3004, 0.3267



71.4770, 0.3009, 0.3187



71.4770, 0.3252, 0.3311



71.4770, 0.3247, 0.3394

Sweetspot

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



71.4800, 0.3004, 0.3267



98.6773, 0.3096, 0.3284



71.7333, 0.3106, 0.3472



21.1349, 0.3097, 0.3285



0.0000, 0.0000, 0.0000



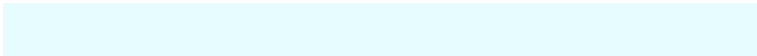
21.4041, 0.3127, 0.3290

Same Dimension

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



71.4800, 0.3004, 0.3267



93.6505, 0.2972, 0.3261



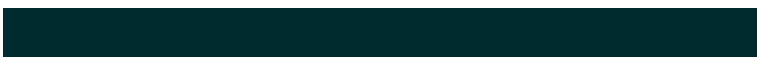
66.9249, 0.3004, 0.3169



15.2931, 0.2982, 0.3263



26.9132, 0.2147, 0.2930



1.9419, 0.2164, 0.2991

Inverse Universe

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



65.9884, 0.3151, 0.3117



84.6110, 0.3157, 0.3071



70.5770, 0.3253, 0.3408



13.9075, 0.3155, 0.3085



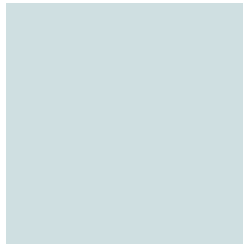
11.6250, 0.3516, 0.1711



0.8135, 0.3462, 0.1681

Previews

White Background



This preview shows how the Yxy color 71.4770, 0.3004, 0.3267 looks on a white background.

Color Contrast Check

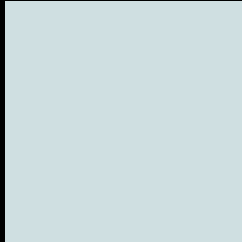
Large Text (above 18pt) WCAG AA × Fail

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 71.4770, 0.3004, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

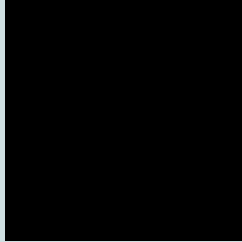
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

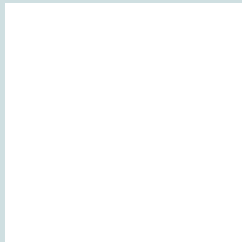
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.4770, 0.3004, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 71.4770, 0.3004, 0.3267.

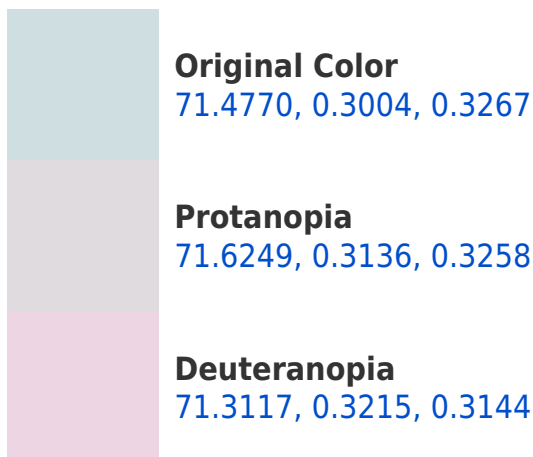


This preview shows how white text looks on a background with the Yxy color 71.4770, 0.3004, 0.3267.

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

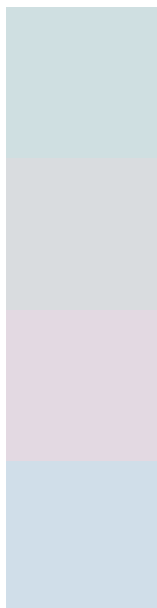




Tritanopia

71.4413, 0.2937, 0.3104

Trichromacy



Original Color

71.4770, 0.3004, 0.3267

Protanomaly

71.2658, 0.3086, 0.3257

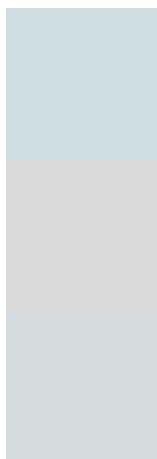
Deuteranomaly

71.4476, 0.3139, 0.3194

Tritanomaly

71.5356, 0.2961, 0.3169

Monochromacy



Original Color

71.4770, 0.3004, 0.3267

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.7030, 0.3078, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4770, 0.3004, 0.3267 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, 223, 225)` looks like.

```
.text, #text, p{  
    color:rgb(207, 223, 225)  
}
```

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, 223, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 223, 225) }
```

Border

The CSS property to change the border of an element to Yxy 71.4770, 0.3004, 0.3267 is called "border". The border property can be set on classes, ids or directly on the HTML element.

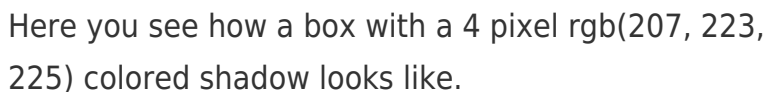
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 223, 225) }
```

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

```
.border{ border-color:rgb(207, 223, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 223, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 223, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 223, 225); box-shadow:4px 4px 4px 4px rgb(207, 223, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4770, 0.3004, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 223, 225) }
```

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

```
.background{ background-color: rgb(207,  
223, 225) }
```

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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