

Converting Colors

$Yxy(71.1918, 0.3000, 0.3212)$

Have a look what the booklet for
Yxy(71.1918, 0.3000, 0.3212)
contains.

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Color

Yxy(71.0160, 0.3005, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	D2DDE4
RGB	210, 221, 228
RGB Percent	82%, 87%, 89%
CMY	0.1768, 0.1332, 0.1059
CMYK	0.08, 0.03, 0.00, 0.11
HSL	203°, 25%, 86%
HSV	203°, 8%, 89%
XYZ	66.4186, 71.0160, 83.5924
YIQ	218.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

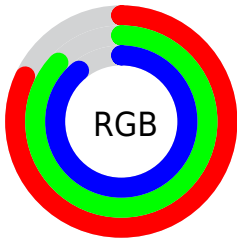
Format	Color
R _Y B	210, 217, 228
Decimal	13819364
CIE Lab	87.49, -2.39, -4.70
CIE LCh	87, 5.271, 243.012
Yxy	71.0160, 0.3005, 0.3213
Android (android.graphics.Color)	4292009444 (0xFFD2DDE4)
YUV	218.5090, 4.6791, -7.4624
Hunter-Lab	84.2710, -6.7885, 0.1771

Details

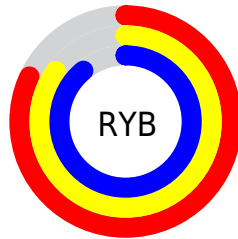
The Yxy color **71.0160, 0.3005, 0.3213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6995, 0.3256, 0.3366**, and the grayscale version is **70.4453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2581, 0.2969, 0.3188** is the 20% darker color. If you saturate the color by 10%, you get **63.3953, 0.2848, 0.3106**, and if you desaturate by 10%, it is **79.3616, 0.3159, 0.3309**.

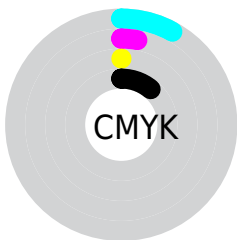
Distribution



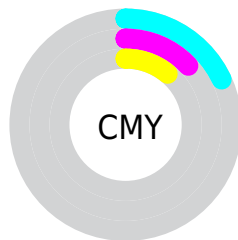
- Red (82%)
- Green (87%)
- Blue (89%)



- Red (82%)
- Yellow (85%)
- Blue (89%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0160, 0.3005, 0.3213 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 71.0160, 0.3005, 0.3213 by changing the saturation by 10% instead.

■ 71.0160, 0.3005,
0.3213

■ 71.0160, 0.3005,
0.3213

464.1094, 0.3062,
0.3249

■ 52.3553, 0.2992,
0.3205

120.6565, 0.3025,
0.3226

■ 37.2883, 0.2976,
0.3194

152.4051, 0.3032,
0.3230

■ 25.4308, 0.2956,
0.3181

189.2850, 0.3039,
0.3235

■ 16.3983, 0.2929,
0.3164

231.6807, 0.3045,
0.3238

■ 9.8064, 0.2892,
0.3140

279.9766, 0.3050,
0.3241

■ 5.2708, 0.2839,
0.3105

334.5571, 0.3054,

■ 2.4070, 0.2756,

0.3244

395.8066, 0.3058,
0.3247

0.3048

0.8295, 0.2592,
0.2945

0.0000, 0.0000,
0.0000

71.0160, 0.3005,
0.3213

71.0160, 0.3005,
0.3213

63.3953, 0.2848,
0.3106

79.3616, 0.3159,
0.3309

56.4666, 0.2691,
0.2989

88.3477, 0.3304,
0.3395

50.2079, 0.2538,
0.2861

93.5990, 0.3294,
0.3480

44.5920, 0.2390,
0.2725

98.3805, 0.3286,
0.3552

■ 39.5896, 0.2254,
0.2581

■ 35.1686, 0.2133,
0.2433

■ 31.2928, 0.2031,
0.2283

■ 27.9203, 0.1949,
0.2134

■ 24.9944, 0.1889,
0.1988

Harmonies

Analogous

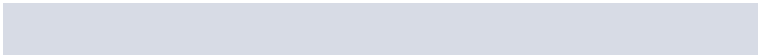
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.0160, 0.3010, 0.3263



71.0160, 0.3005, 0.3213



71.0160, 0.3032, 0.3184

Triad

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



71.0160, 0.3005, 0.3213



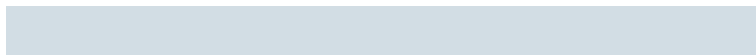
71.0160, 0.3209, 0.3259



71.0160, 0.3169, 0.3399

Complementary

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



71.0160, 0.3005, 0.3213



70.6995, 0.3256, 0.3366

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.



71.0160, 0.3222, 0.3397



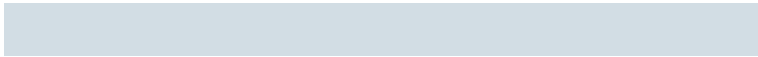
71.0160, 0.3005, 0.3213



71.0160, 0.3246, 0.3316

Square

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



71.0160, 0.3005, 0.3213



71.0160, 0.3150, 0.3211



71.0160, 0.3251, 0.3366



71.0160, 0.3104, 0.3371

Rectangle

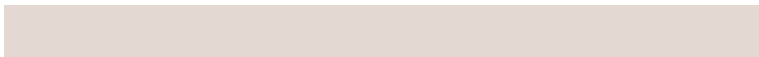
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.0160, 0.3005, 0.3213



71.0160, 0.3065, 0.3181



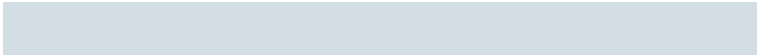
71.0160, 0.3251, 0.3366



71.0160, 0.3189, 0.3402

Sweetspot

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



71.0190, 0.3005, 0.3213



97.7995, 0.3096, 0.3271



74.1688, 0.3074, 0.3413



20.9563, 0.3098, 0.3272



0.0000, 0.0000, 0.0000



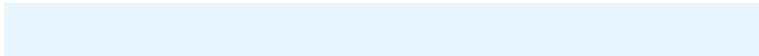
21.4041, 0.3127, 0.3290

Same Dimension

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



71.0190, 0.3005, 0.3213



89.3775, 0.2972, 0.3191



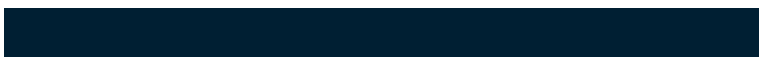
66.3898, 0.3005, 0.3112



15.3559, 0.2981, 0.3197



14.3429, 0.1884, 0.1981



1.2385, 0.1942, 0.2192

Inverse Universe

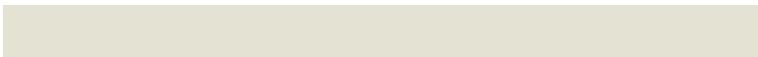
The Inverse Universe completely reimagines the original color for something new.



67.7660, 0.3185, 0.3170



84.1796, 0.3201, 0.3137



75.4655, 0.3247, 0.3462



14.5163, 0.3197, 0.3146



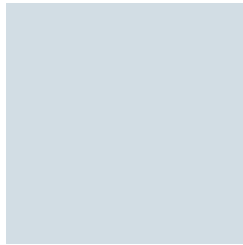
10.6456, 0.4475, 0.2239



0.8047, 0.4241, 0.2110

Previews

White Background



This preview shows how the Yxy color 71.0160, 0.3005, 0.3213 looks on a white background.

Color Contrast Check

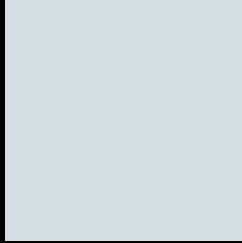
Large Text (above 18pt) WCAG AA × Fail

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 71.0160, 0.3005, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

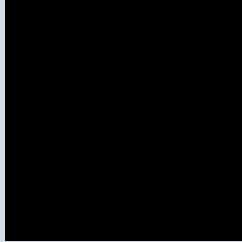
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

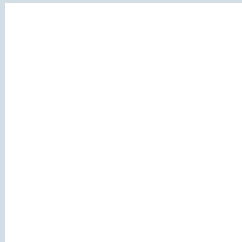
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.0160, 0.3005, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 71.0160, 0.3005, 0.3213.

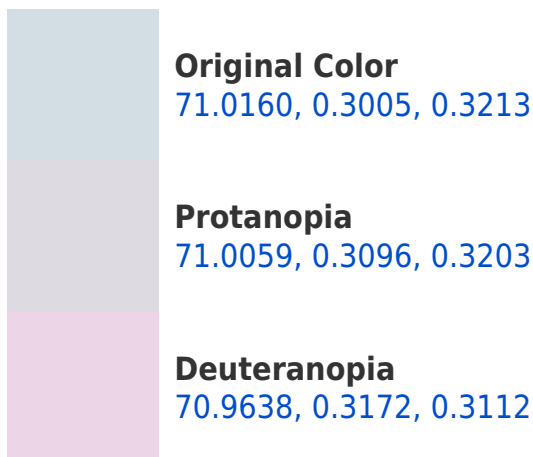


This preview shows how white text looks on a background with the Yxy color 71.0160, 0.3005, 0.3213.

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

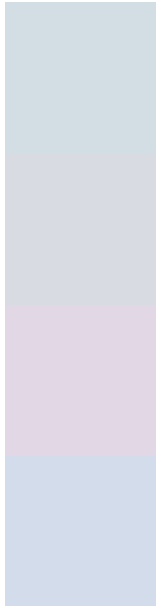




Tritanopia

71.1497, 0.2956, 0.3105

Trichromacy



Original Color

71.0160, 0.3005, 0.3213

Protanomaly

70.9608, 0.3061, 0.3203

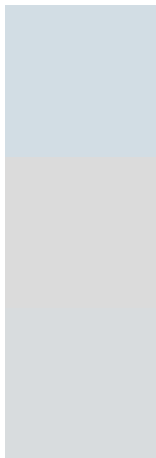
Deuteranomaly

70.9376, 0.3112, 0.3151

Tritanomaly

70.9758, 0.2975, 0.3137

Monochromacy



Original Color

71.0160, 0.3005, 0.3213

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.0593, 0.3086, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0160, 0.3005, 0.3213 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(210, 221, 228)` looks like.

```
.text, #text, p{  
    color:rgb(210, 221, 228)  
}
```

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(210, 221, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 221, 228) }
```

Border

The CSS property to change the border of an element to Yxy 71.0160, 0.3005, 0.3213 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(210, 221, 228) }
```

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

```
.border{ border-color:rgb(210, 221, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 221, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 221, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 221, 228);  
box-shadow:4px 4px 4px 4px rgb(210, 221,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0160, 0.3005, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 221, 228) }
```

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

```
.background{ background-color: rgb(210,  
221, 228) }
```

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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