

Converting Colors

$Yxy(72.1684, 0.3004, 0.3206)$

Have a look what the booklet for
Yxy(72.1684, 0.3004, 0.3206)
contains.

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Color

Yxy(71.9528, 0.3006, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	D4DEE6
RGB	212, 222, 230
RGB Percent	83%, 87%, 90%
CMY	0.1688, 0.1294, 0.0979
CMYK	0.08, 0.03, 0.00, 0.10
HSL	207°, 27%, 87%
HSV	207°, 8%, 90%
XYZ	67.5484, 71.9528, 85.2108
YIQ	219.9220, -8.5280, 0.3680

Conversions

Conversions Part 2

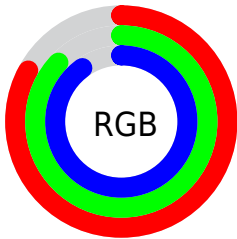
Format	Color
R _Y B	212, 218, 230
Decimal	13950694
CIE Lab	87.95, -1.84, -5.09
CIE LCh	88, 5.413, 250.094
Yxy	71.9528, 0.3006, 0.3202
Android (android.graphics.Color)	4292140774 (0xFFD4DEE6)
YUV	219.9220, 4.9685, -6.9476
Hunter-Lab	84.8250, -6.2994, -0.1822

Details

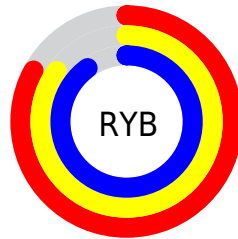
The Yxy color **71.9528, 0.3006, 0.3202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.7480, 0.3254, 0.3376**, and the grayscale version is **71.4803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9007, 0.2971, 0.3175** is the 20% darker color. If you saturate the color by 10%, you get **63.5232, 0.2848, 0.3079**, and if you desaturate by 10%, it is **81.2031, 0.3160, 0.3313**.

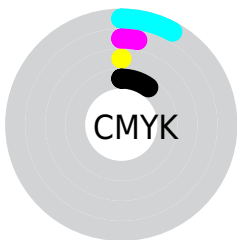
Distribution



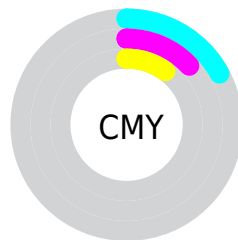
- Red (83%)
- Green (87%)
- Blue (90%)



- Red (83%)
- Yellow (85%)
- Blue (90%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (17%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.9528, 0.3006, 0.3202 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 71.9528, 0.3006, 0.3202 by changing the saturation by 10% instead.

■ 71.9528, 0.3006,
0.3202

■ 71.9528, 0.3006,
0.3202

467.3773, 0.3062,
0.3243

■ 53.1201, 0.2993,
0.3193

121.9894, 0.3025,
0.3216

■ 37.8987, 0.2977,
0.3181

153.9622, 0.3033,
0.3222

■ 25.9041, 0.2957,
0.3166

191.0837, 0.3040,
0.3227

■ 16.7519, 0.2931,
0.3146

233.7384, 0.3045,
0.3231

■ 10.0577, 0.2895,
0.3120

282.3108, 0.3050,
0.3234

■ 5.4373, 0.2843,
0.3080

337.1851, 0.3055,

■ 2.5060, 0.2762,

0.3238

0.3018

398.7458, 0.3059,
0.3240

■ 0.8797, 0.2612,
0.2905

■ 0.0000, 0.0000,
0.0000

■ 71.9528, 0.3006,
0.3202

■ 71.9528, 0.3006,
0.3202

■ 63.5232, 0.2848,
0.3079

■ 81.2031, 0.3160,
0.3313

■ 55.8790, 0.2687,
0.2943

■ 90.7242, 0.3287,
0.3412

■ 48.9954, 0.2528,
0.2794

■ 96.9789, 0.3276,
0.3509

■ 42.8426, 0.2374,
0.2636

■ 98.4948, 0.3274,
0.3532

■ 37.3885, 0.2230,
0.2468

■ 32.5978, 0.2100,
0.2295

■ 28.4312, 0.1988,
0.2121

■ 24.8434, 0.1899,
0.1949

■ 21.7742, 0.1832,
0.1784

Harmonies

Analogous

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



71.9528, 0.3003, 0.3249



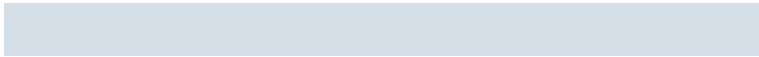
71.9528, 0.3006, 0.3202



71.9528, 0.3041, 0.3179

Triad

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



71.9528, 0.3006, 0.3202



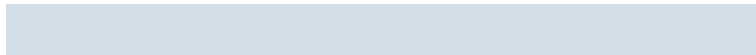
71.9528, 0.3222, 0.3272



71.9528, 0.3154, 0.3397

Complementary

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



71.9528, 0.3006, 0.3202



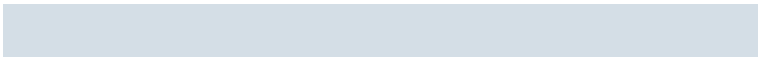
72.7480, 0.3254, 0.3376

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.



71.9528, 0.3213, 0.3403



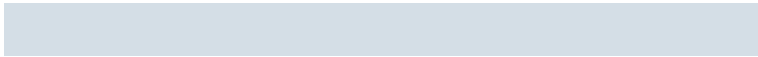
71.9528, 0.3006, 0.3202



71.9528, 0.3253, 0.3329

Square

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



71.9528, 0.3006, 0.3202



71.9528, 0.3166, 0.3220



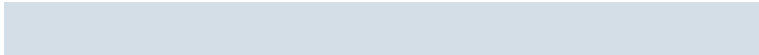
71.9528, 0.3250, 0.3377



71.9528, 0.3088, 0.3362

Rectangle

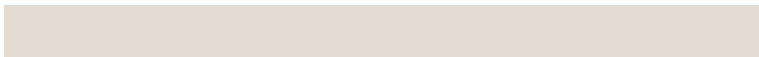
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.9528, 0.3006, 0.3202



71.9528, 0.3078, 0.3180



71.9528, 0.3250, 0.3377



71.9528, 0.3176, 0.3403

Sweetspot

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



71.9558, 0.3006, 0.3202



97.6114, 0.3096, 0.3268



75.7557, 0.3069, 0.3402



20.9180, 0.3098, 0.3269



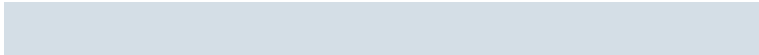
0.0000, 0.0000, 0.0000



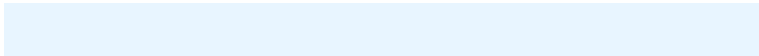
21.4041, 0.3127, 0.3290

Same Dimension

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



71.9558, 0.3006, 0.3202



89.5835, 0.2987, 0.3188



67.3737, 0.3006, 0.3104



15.2111, 0.2981, 0.3183



12.2275, 0.1826, 0.1775



1.0881, 0.1893, 0.2016

Inverse Universe

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



69.1666, 0.3191, 0.3182



85.5833, 0.3202, 0.3166



77.5198, 0.3245, 0.3470



14.5017, 0.3206, 0.3160



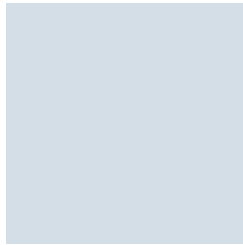
10.4321, 0.4715, 0.2371



0.7895, 0.4435, 0.2217

Previews

White Background



This preview shows how the Yxy color 71.9528, 0.3006, 0.3202 looks on a white background.

Color Contrast Check

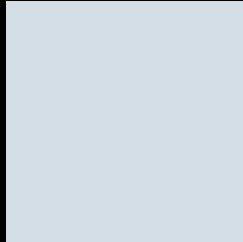
Large Text (above 18pt) WCAG AA × Fail

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 71.9528, 0.3006, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

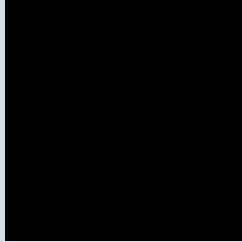
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

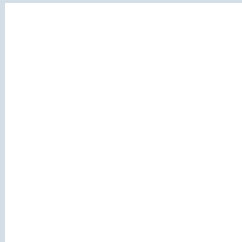
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9528, 0.3006, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 71.9528, 0.3006, 0.3202.

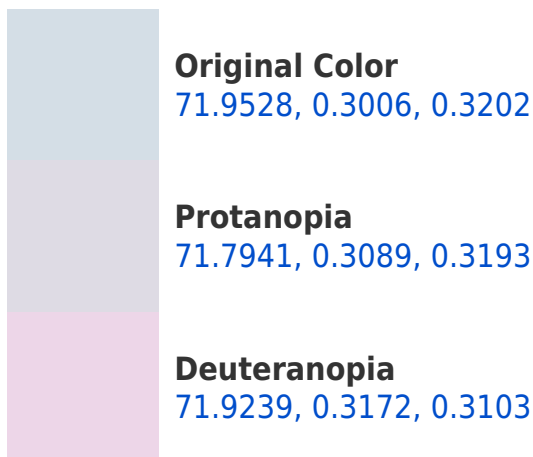


This preview shows how white text looks on a background with the Yxy color 71.9528, 0.3006, 0.3202.

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

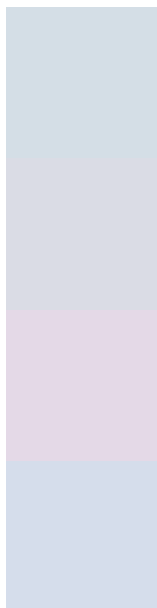




Tritanopia

72.0321, 0.2963, 0.3106

Trichromacy



Original Color

71.9528, 0.3006, 0.3202

Protanomaly

71.7490, 0.3054, 0.3192

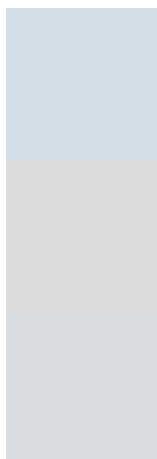
Deuteranomaly

71.8892, 0.3113, 0.3141

Tritanomaly

71.8572, 0.2982, 0.3138

Monochromacy



Original Color

71.9528, 0.3006, 0.3202

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.8464, 0.3079, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9528, 0.3006, 0.3202 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(212, 222, 230)` looks like.

```
.text, #text, p{  
    color:rgb(212, 222, 230)  
}
```

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(212, 222, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 222, 230) }
```

Border

The CSS property to change the border of an element to Yxy 71.9528, 0.3006, 0.3202 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(212, 222, 230) }
```

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

```
.border{ border-color:rgb(212, 222, 230) }
```

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

Here you see how a box with a 4 pixel rgb(212, 222, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 222, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 222, 230);  
box-shadow:4px 4px 4px 4px rgb(212, 222,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9528, 0.3006, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 222, 230) }
```

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

```
.background{ background-color: rgb(212,  
222, 230) }
```

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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