

Converting Colors

$Yxy(71.6344, 0.3059, 0.3229)$

Have a look what the booklet for
Yxy(71.6344, 0.3059, 0.3229)
contains.

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Color

Yxy(71.8028, 0.3060, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	D8DDE2
RGB	216, 221, 226
RGB Percent	85%, 87%, 89%
CMY	0.1527, 0.1334, 0.1137
CMYK	0.04, 0.02, 0.00, 0.11
HSL	210°, 15%, 87%
HSV	210°, 4%, 89%
XYZ	67.9186, 71.8028, 82.2347
YIQ	220.0750, -4.5850, 0.4950

Conversions

Conversions Part 2

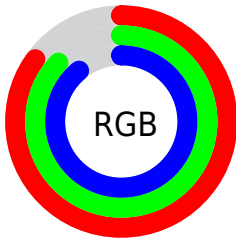
Format	Color
R_{YB}	216, 219, 226
Decimal	14212578
CIE _{Lab}	87.87, -0.72, -3.04
CIE _{LCh}	88, 3.127, 256.724
Y _{xy}	71.8028, 0.3060, 0.3235
Android (android.graphics.Color)	4292402658 (0xFFD8DDE2)
Y _{UV}	220.0750, 2.9210, -3.5738
Hunter-Lab	84.7365, -5.2165, 1.7761

Details

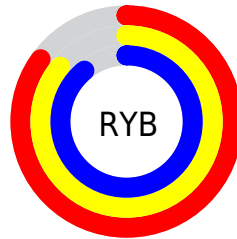
The Yxy color **71.8028, 0.3060, 0.3235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.8933, 0.3196, 0.3344**, and the grayscale version is **71.6155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7898, 0.3039, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **62.7674, 0.2902, 0.3099**, and if you desaturate by 10%, it is **81.7282, 0.3211, 0.3356**.

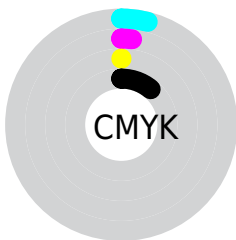
Distribution



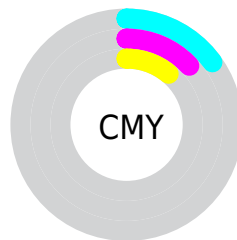
- Red (85%)
- Green (87%)
- Blue (89%)



- Red (85%)
- Yellow (86%)
- Blue (89%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.8028, 0.3060, 0.3235 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 71.8028, 0.3060, 0.3235 by changing the saturation by 10% instead.

■ 71.8028, 0.3060,
0.3235

■ 71.8028, 0.3060,
0.3235

466.8549, 0.3091,
0.3261

■ 52.9976, 0.3053,
0.3229

121.7761, 0.3071,
0.3244

■ 37.8009, 0.3044,
0.3222

153.7130, 0.3075,
0.3247

■ 25.8282, 0.3033,
0.3213

190.7960, 0.3079,
0.3250

■ 16.6951, 0.3018,
0.3200

233.4093, 0.3082,
0.3253

■ 10.0174, 0.2998,
0.3184

281.9375, 0.3085,
0.3255

■ 5.4105, 0.2969,
0.3159

336.7649, 0.3087,

■ 2.4901, 0.2922,

0.3257

398.2759, 0.3089,
0.3259

0.3121

0.8717, 0.2837,
0.3050

0.0000, 0.0000,
0.0000

71.8028, 0.3060,
0.3235

71.8028, 0.3060,
0.3235

62.7674, 0.2902,
0.3099

81.7282, 0.3211,
0.3356

54.5857, 0.2740,
0.2949

91.3515, 0.3311,
0.3465

47.2317, 0.2575,
0.2783

98.2713, 0.3298,
0.3572

40.6749, 0.2412,
0.2605

■ 34.8822, 0.2256,
0.2415

■ 29.8179, 0.2111,
0.2218

■ 25.4425, 0.1984,
0.2019

■ 21.7114, 0.1878,
0.1824

■ 18.5719, 0.1797,
0.1637

Harmonies

Analogous

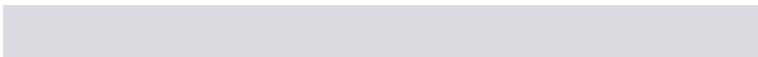
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.8028, 0.3054, 0.3260



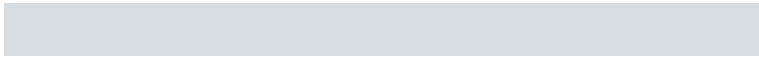
71.8028, 0.3060, 0.3235



71.8028, 0.3084, 0.3225

Triad

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



71.8028, 0.3060, 0.3235



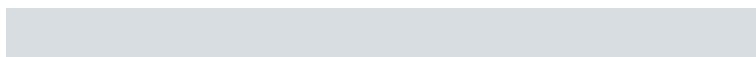
71.8028, 0.3187, 0.3287



71.8028, 0.3135, 0.3349

Complementary

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



71.8028, 0.3060, 0.3235



72.8933, 0.3196, 0.3344

Split Complementary

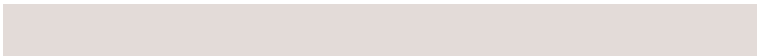
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.8028, 0.3170, 0.3356



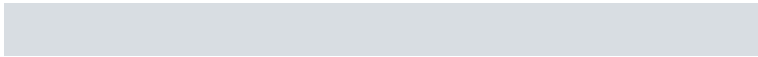
71.8028, 0.3060, 0.3235



71.8028, 0.3201, 0.3320

Square

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



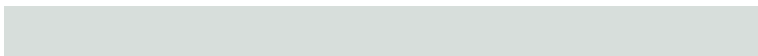
71.8028, 0.3060, 0.3235



71.8028, 0.3158, 0.3255



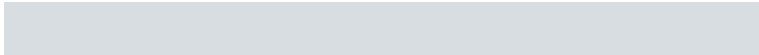
71.8028, 0.3195, 0.3345



71.8028, 0.3097, 0.3326

Rectangle

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



71.8028, 0.3060, 0.3235



71.8028, 0.3107, 0.3228



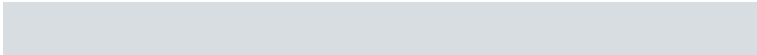
71.8028, 0.3195, 0.3345



71.8028, 0.3147, 0.3353

Sweetspot

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



71.8059, 0.3060, 0.3235



98.7000, 0.3112, 0.3278



74.2285, 0.3090, 0.3344



21.1396, 0.3113, 0.3278



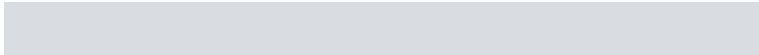
0.0000, 0.0000, 0.0000



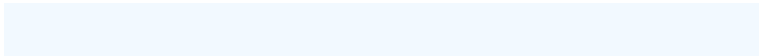
21.4041, 0.3127, 0.3290

Same Dimension

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



71.8059, 0.3060, 0.3235



93.6184, 0.3050, 0.3227



69.2492, 0.3061, 0.3181



15.1001, 0.3040, 0.3219



9.9515, 0.1768, 0.1565



0.8688, 0.1846, 0.1847

Inverse Universe

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



70.5376, 0.3166, 0.3237



91.7250, 0.3172, 0.3229



75.5276, 0.3192, 0.3397



14.7564, 0.3178, 0.3222



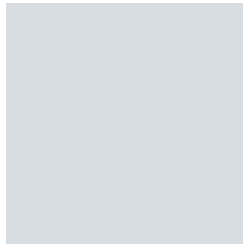
9.9127, 0.4975, 0.2514



0.7052, 0.4630, 0.2324

Previews

White Background



This preview shows how the Yxy color 71.8028, 0.3060, 0.3235 looks on a white background.

Color Contrast Check

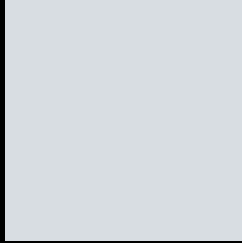
Large Text (above 18pt) WCAG AA × Fail

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 71.8028, 0.3060, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

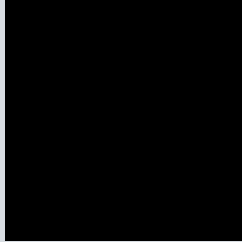
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

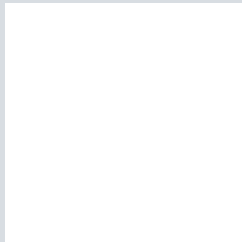
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8028, 0.3060, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 71.8028, 0.3060, 0.3235.

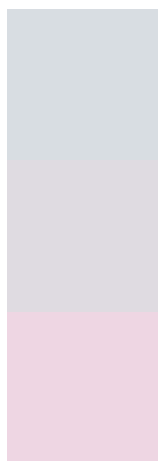


This preview shows how white text looks on a background with the Yxy color 71.8028, 0.3060, 0.3235.

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



Original Color

71.8028, 0.3060, 0.3235

Protanopia

71.7873, 0.3116, 0.3225

Deuteranopia

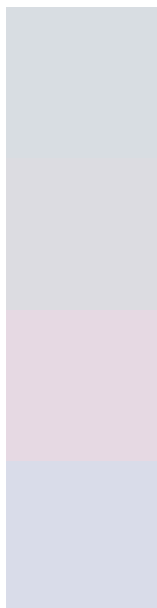
71.8163, 0.3214, 0.3154



Tritanopia

71.6829, 0.3003, 0.3096

Trichromacy



Original Color

71.8028, 0.3060, 0.3235

Protanomaly

71.8383, 0.3094, 0.3236

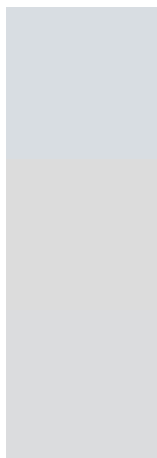
Deuteranomaly

71.9948, 0.3154, 0.3184

Tritanomaly

71.8213, 0.3022, 0.3149

Monochromacy



Original Color

71.8028, 0.3060, 0.3235

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.5204, 0.3107, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8028, 0.3060, 0.3235 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(216, 221, 226)` looks like.

```
.text, #text, p{  
    color:rgb(216, 221, 226)  
}
```

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(216, 221, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 221, 226) }
```

Border

The CSS property to change the border of an element to Yxy 71.8028, 0.3060, 0.3235 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(216, 221, 226) }
```

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

```
.border{ border-color:rgb(216, 221, 226) }
```

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

Here you see how a box with a 4 pixel rgb(216, 221, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 221, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 221, 226);  
box-shadow:4px 4px 4px 4px rgb(216, 221,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8028, 0.3060, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 221, 226) }
```

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

```
.background{ background-color: rgb(216,  
221, 226) }
```

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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