

Converting Colors

$Yxy(72.5350, 0.3029, 0.3241)$

Have a look what the booklet for
Yxy(72.5350, 0.3029, 0.3241)
contains.

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Color

Yxy(72.5229, 0.3026, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	D5DFE4
RGB	213, 223, 228
RGB Percent	84%, 87%, 89%
CMY	0.1646, 0.1255, 0.1059
CMYK	0.07, 0.02, 0.00, 0.11
HSL	200°, 22%, 86%
HSV	200°, 7%, 89%
XYZ	67.8375, 72.5229, 83.8217
YIQ	220.5800, -7.5650, -0.5650

Conversions

Conversions Part 2

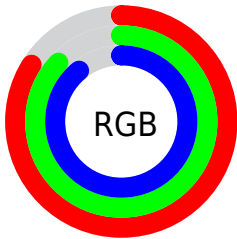
Format	Color
R _Y B	213, 219, 228
Decimal	14016484
CIE Lab	88.22, -2.39, -3.61
CIE LCh	88, 4.329, 236.523
Yxy	72.5229, 0.3026, 0.3235
Android (android.graphics.Color)	4292206564 (0xFFD5DFE4)
YUV	220.5800, 3.6581, -6.6477
Hunter-Lab	85.1604, -6.8402, 1.2543

Details

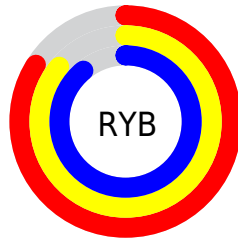
The Yxy color **72.5229, 0.3026, 0.3235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.4591, 0.3233, 0.3344**, and the grayscale version is **71.9790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2915, 0.2996, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **65.3718, 0.2871, 0.3144**, and if you desaturate by 10%, it is **80.3427, 0.3180, 0.3317**.

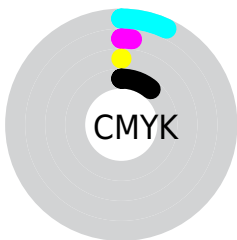
Distribution



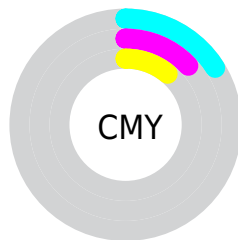
- Red (84%)
- Green (87%)
- Blue (89%)



- Red (84%)
- Yellow (86%)
- Blue (89%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5229, 0.3026, 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 72.5229, 0.3026, 0.3235 by changing the saturation by 10% instead.

■ 72.5229, 0.3026,
0.3235

■ 72.5229, 0.3026,
0.3235

469.3596, 0.3073,
0.3261

■ 53.5859, 0.3015,
0.3229

122.7997, 0.3042,
0.3244

■ 38.2707, 0.3002,
0.3222

154.9083, 0.3049,
0.3247

■ 26.1929, 0.2985,
0.3212

192.1762, 0.3054,
0.3250

■ 16.9680, 0.2964,
0.3200

234.9878, 0.3059,
0.3253

■ 10.2117, 0.2934,
0.3183

283.7276, 0.3063,
0.3255

■ 5.5395, 0.2891,
0.3158

338.7799, 0.3067,

■ 2.5672, 0.2823,

0.3257

0.3119

400.5291, 0.3070,
0.3259

0.9102, 0.2700,
0.3046

0.0000, 0.0000,
0.0000

72.5229, 0.3026,
0.3235

72.5229, 0.3026,
0.3235

65.3718, 0.2871,
0.3144

80.3427, 0.3180,
0.3317

58.8580, 0.2716,
0.3044

88.1484, 0.3304,
0.3391

52.9607, 0.2566,
0.2935

92.6854, 0.3296,
0.3465

47.6546, 0.2423,
0.2819

97.4125, 0.3287,
0.3538

■ 42.9121, 0.2292,
0.2696

■ 98.3815, 0.3286,
0.3552

■ 38.7029, 0.2176,
0.2569

■ 34.9929, 0.2079,
0.2441

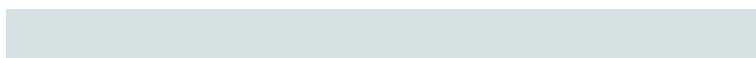
■ 31.7427, 0.2002,
0.2312

■ 28.9032, 0.1945,
0.2185

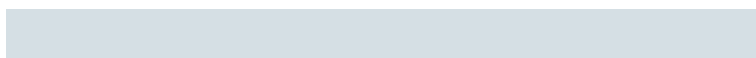
Harmonies

Analogous

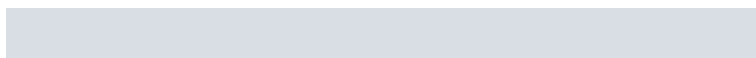
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.5229, 0.3036, 0.3278



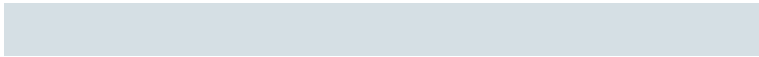
72.5229, 0.3026, 0.3235



72.5229, 0.3043, 0.3207

Triad

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



72.5229, 0.3026, 0.3235



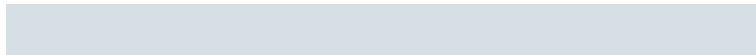
72.5229, 0.3184, 0.3255



72.5229, 0.3172, 0.3380

Complementary

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



72.5229, 0.3026, 0.3235



71.4591, 0.3233, 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.



72.5229, 0.3212, 0.3373



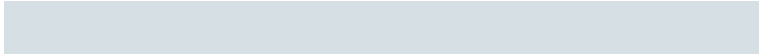
72.5229, 0.3026, 0.3235



72.5229, 0.3219, 0.3301

Square

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



72.5229, 0.3026, 0.3235



72.5229, 0.3134, 0.3219



72.5229, 0.3230, 0.3344



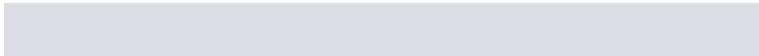
72.5229, 0.3120, 0.3363

Rectangle

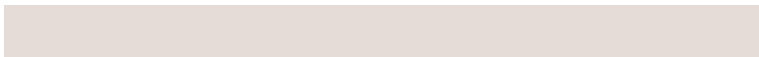
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5229, 0.3026, 0.3235



72.5229, 0.3067, 0.3201



72.5229, 0.3230, 0.3344



72.5229, 0.3187, 0.3381

Sweetspot

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



72.5260, 0.3026, 0.3235



97.9629, 0.3096, 0.3274



74.7009, 0.3088, 0.3400



20.9895, 0.3098, 0.3274



0.0000, 0.0000, 0.0000



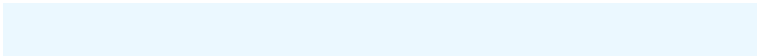
21.4041, 0.3127, 0.3290

Same Dimension

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



72.5260, 0.3026, 0.3235



92.0614, 0.3003, 0.3222



68.6199, 0.3027, 0.3152



15.4823, 0.2981, 0.3210



16.3921, 0.1934, 0.2162



1.3806, 0.1985, 0.2346

Inverse Universe

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



69.4245, 0.3169, 0.3183



87.2365, 0.3179, 0.3158



75.4242, 0.3226, 0.3424



14.5290, 0.3189, 0.3135



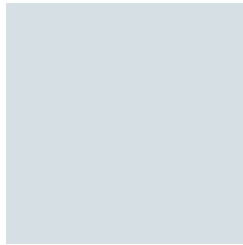
10.8525, 0.4274, 0.2128



0.8191, 0.4079, 0.2021

Previews

White Background



This preview shows how the Yxy color 72.5229, 0.3026, 0.3235 looks on a white background.

Color Contrast Check

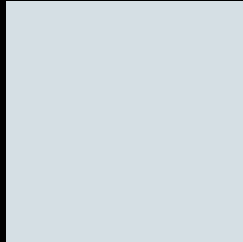
Large Text (above 18pt) WCAG AA × Fail

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 72.5229, 0.3026, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

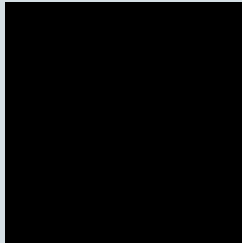
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

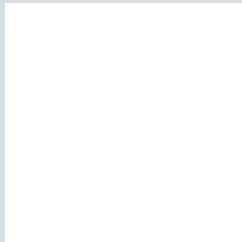
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5229, 0.3026, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 72.5229, 0.3026, 0.3235.

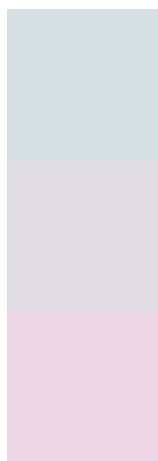


This preview shows how white text looks on a background with the Yxy color 72.5229, 0.3026, 0.3235.

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

72.5229, 0.3026, 0.3235

Protanopia

72.3654, 0.3109, 0.3225

Deuteranopia

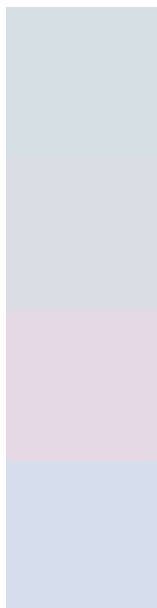
72.1570, 0.3201, 0.3124



Tritanopia

72.3920, 0.2971, 0.3096

Trichromacy



Original Color

72.5229, 0.3026, 0.3235

Protanomaly

72.3190, 0.3074, 0.3225

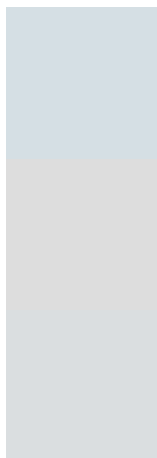
Deuteranomaly

72.1058, 0.3140, 0.3163

Tritanomaly

72.5369, 0.2989, 0.3149

Monochromacy



Original Color

72.5229, 0.3026, 0.3235

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.5298, 0.3086, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5229, 0.3026, 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(213, 223, 228)` looks like.

```
.text, #text, p{  
    color:rgb(213, 223, 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(213, 223, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 223, 228) }
```

Border

The CSS property to change the border of an element to Yxy 72.5229, 0.3026, 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(213, 223, 228) }
```

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

```
.border{ border-color:rgb(213, 223, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 223, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 223, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 223, 228); box-shadow:4px 4px 4px 4px rgb(213, 223, 228) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.5229, 0.3026, 0.3235$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 223, 228) }
```

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

```
.background{ background-color: rgb(213,  
223, 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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