

Converting Colors

$Y_{xy}(72.8882, 0.3071, 0.3247)$

Have a look what the booklet for
Yxy(72.8882, 0.3071, 0.3247)
contains.

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Color

Yxy(72.6390, 0.3073, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	DADEE2
RGB	218, 222, 226
RGB Percent	85%, 87%, 89%
CMY	0.1451, 0.1294, 0.1136
CMYK	0.04, 0.02, 0.00, 0.11
HSL	210°, 12%, 87%
HSV	210°, 4%, 89%
XYZ	68.7676, 72.6390, 82.3734
YIQ	221.2600, -3.6680, 0.3960

Conversions

Conversions Part 2

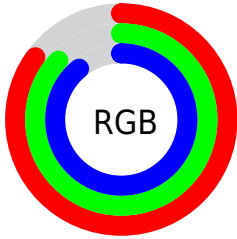
Format	Color
R _Y B	218, 221, 226
Decimal	14343906
CIE Lab	88.28, -0.59, -2.45
CIE LCh	88, 2.524, 256.378
Yxy	72.6390, 0.3073, 0.3246
Android (android.graphics.Color)	4292533986 (0xFFDADEE2)
YUV	221.2600, 2.3368, -2.8590
Hunter-Lab	85.2285, -5.1251, 2.3561

Details

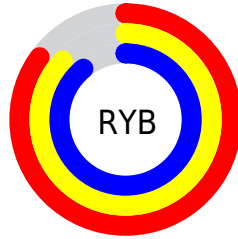
The Yxy color **72.6390, 0.3073, 0.3246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.5041, 0.3182, 0.3334**, and the grayscale version is **72.4876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3642, 0.3057, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **63.5553, 0.2916, 0.3112**, and if you desaturate by 10%, it is **82.6112, 0.3223, 0.3365**.

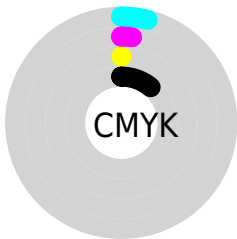
Distribution



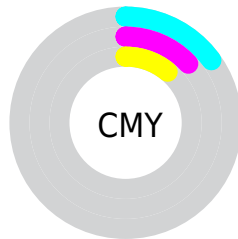
- Red (85%)
- Green (87%)
- Blue (89%)



- Red (85%)
- Yellow (87%)
- 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 72.6390, 0.3073, 0.3246 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 72.6390, 0.3073, 0.3246 by changing the saturation by 10% instead.

■ 72.6390, 0.3073,
0.3246

■ 72.6390, 0.3073,
0.3246

469.7627, 0.3098,
0.3267

■ 53.6808, 0.3067,
0.3241

122.9646, 0.3082,
0.3253

■ 38.3466, 0.3060,
0.3235

155.1008, 0.3085,
0.3256

■ 26.2518, 0.3051,
0.3228

192.3985, 0.3088,
0.3258

■ 17.0121, 0.3039,
0.3218

235.2420, 0.3091,
0.3260

■ 10.2431, 0.3023,
0.3205

284.0158, 0.3093,
0.3262

■ 5.5604, 0.3000,
0.3186

339.1043, 0.3095,

■ 2.5797, 0.2963,

0.3264

0.3155

400.8918, 0.3097,
0.3265

0.9165, 0.2896,
0.3100

0.0000, 0.0000,
0.0000

72.6390, 0.3073,
0.3246

72.6390, 0.3073,
0.3246

63.5553, 0.2916,
0.3112

82.6112, 0.3223,
0.3365

55.3238, 0.2754,
0.2964

91.8967, 0.3309,
0.3474

47.9190, 0.2589,
0.2800

98.2730, 0.3297,
0.3571

41.3104, 0.2426,
0.2624

■ 35.4654, 0.2270,
0.2436

■ 30.3488, 0.2124,
0.2241

■ 25.9214, 0.1995,
0.2043

■ 22.1395, 0.1888,
0.1848

■ 18.9512, 0.1806,
0.1661

Harmonies

Analogous

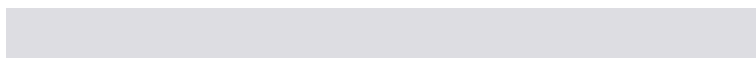
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6390, 0.3068, 0.3266



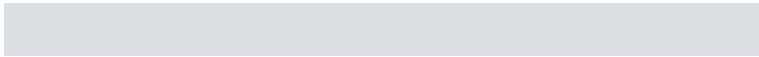
72.6390, 0.3073, 0.3246



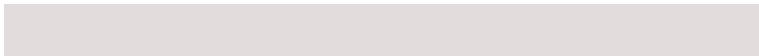
72.6390, 0.3092, 0.3238

Triad

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



72.6390, 0.3073, 0.3246



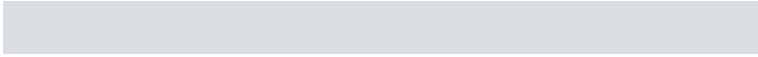
72.6390, 0.3175, 0.3287



72.6390, 0.3133, 0.3337

Complementary

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



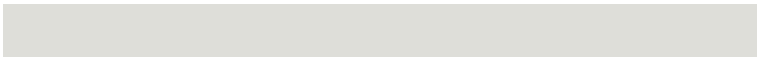
72.6390, 0.3073, 0.3246



73.5041, 0.3182, 0.3334

Split Complementary

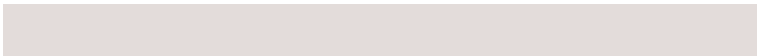
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.6390, 0.3162, 0.3343



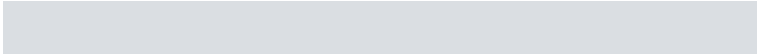
72.6390, 0.3073, 0.3246



72.6390, 0.3187, 0.3314

Square

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



72.6390, 0.3073, 0.3246



72.6390, 0.3151, 0.3262



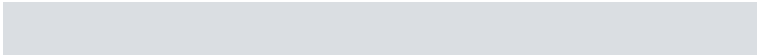
72.6390, 0.3182, 0.3334



72.6390, 0.3103, 0.3319

Rectangle

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



72.6390, 0.3073, 0.3246



72.6390, 0.3111, 0.3240



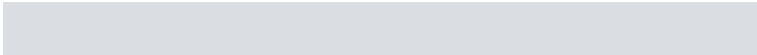
72.6390, 0.3182, 0.3334



72.6390, 0.3144, 0.3341

Sweetspot

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



72.6421, 0.3073, 0.3246



98.7041, 0.3112, 0.3278



74.5948, 0.3097, 0.3333



21.1404, 0.3113, 0.3278



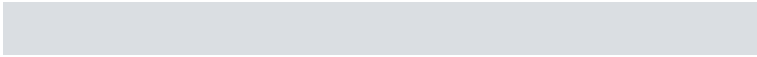
0.0000, 0.0000, 0.0000



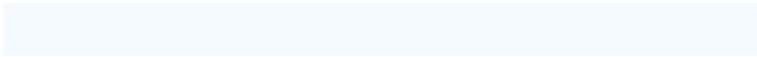
21.4041, 0.3127, 0.3290

Same Dimension

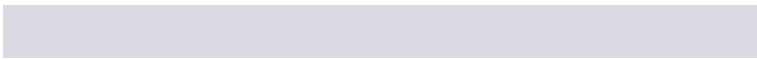
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6421, 0.3073, 0.3246



94.8874, 0.3066, 0.3240



70.5469, 0.3074, 0.3202



15.2930, 0.3055, 0.3231



10.0251, 0.1771, 0.1574



0.8739, 0.1849, 0.1854

Inverse Universe

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



71.5958, 0.3158, 0.3247



93.3379, 0.3163, 0.3241



75.6501, 0.3179, 0.3376



15.0003, 0.3169, 0.3233



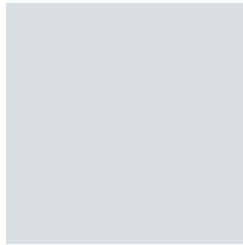
9.9201, 0.4964, 0.2508



0.7057, 0.4621, 0.2319

Previews

White Background



This preview shows how the Yxy color 72.6390, 0.3073, 0.3246 looks on a white background.

Color Contrast Check

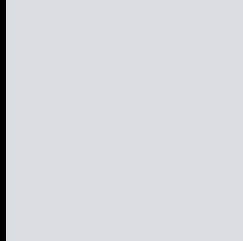
Large Text (above 18pt) WCAG AA × Fail

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 72.6390, 0.3073, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

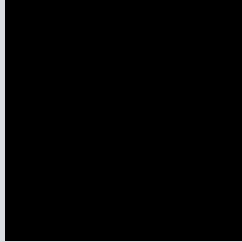
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

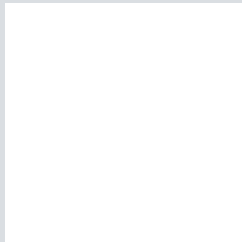
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.6390, 0.3073, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 72.6390, 0.3073, 0.3246.

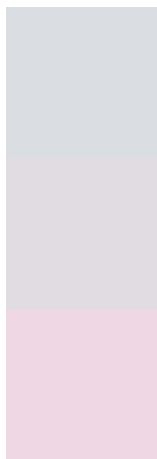


This preview shows how white text looks on a background with the Yxy color 72.6390, 0.3073, 0.3246.

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

72.6390, 0.3073, 0.3246

Protanopia

72.4699, 0.3123, 0.3236

Deuteranopia

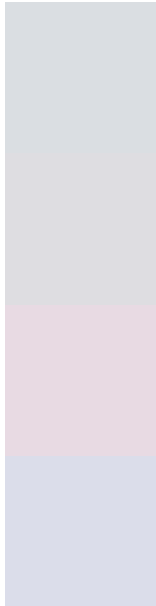
72.7276, 0.3221, 0.3155



Tritanopia

72.5751, 0.3011, 0.3098

Trichromacy



Original Color

72.6390, 0.3073, 0.3246

Protanomaly

72.6787, 0.3108, 0.3247

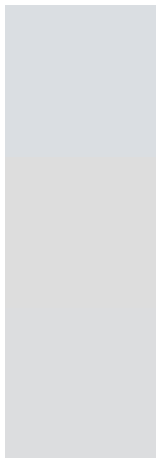
Deuteranomaly

72.8447, 0.3168, 0.3195

Tritanomaly

72.7135, 0.3029, 0.3150

Monochromacy



Original Color

72.6390, 0.3073, 0.3246

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.2563, 0.3107, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6390, 0.3073, 0.3246 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(218, 222, 226) looks like.

```
.text, #text, p{  
    color:rgb(218, 222, 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(218, 222, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 222, 226) }
```

Border

The CSS property to change the border of an element to Yxy 72.6390, 0.3073, 0.3246 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(218, 222, 226) }
```

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

```
.border{ border-color:rgb(218, 222, 226) }
```

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

Here you see how a box with a 4 pixel rgb(218, 222, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 222, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 222, 226);  
box-shadow:4px 4px 4px 4px rgb(218, 222,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6390, 0.3073, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 222, 226) }
```

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

```
.background{ background-color: rgb(218,  
222, 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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