

Converting Colors

$Yxy(72.5645, 0.3070, 0.3237)$

Have a look what the booklet for
Yxy(72.5645, 0.3070, 0.3237)
contains.

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Color

Yxy(72.6940, 0.3067, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	DADEE3
RGB	218, 222, 227
RGB Percent	85%, 87%, 89%
CMY	0.1451, 0.1294, 0.1099
CMYK	0.04, 0.02, 0.00, 0.11
HSL	213°, 14%, 87%
HSV	213°, 4%, 89%
XYZ	68.8976, 72.6940, 83.0500
YIQ	221.3740, -3.9890, 0.7070

Conversions

Conversions Part 2

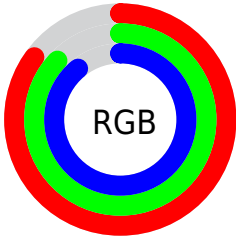
Format	Color
RYB	218, 221, 227
Decimal	14343907
CIELab	88.30, -0.43, -2.91
CIELCh	88, 2.936, 261.672
Yxy	72.6940, 0.3067, 0.3236
Android (android.graphics.Color)	4292533987 (0xFFDADEE3)
YUV	221.3740, 2.7736, -2.9590
Hunter-Lab	85.2608, -4.9640, 1.9299

Details

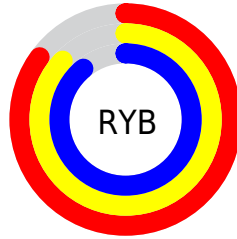
The Yxy color **72.6940, 0.3067, 0.3236** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.1476, 0.3188, 0.3343**, and the grayscale version is **72.5663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4025, 0.3049, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **63.0043, 0.2909, 0.3088**, and if you desaturate by 10%, it is **83.3667, 0.3217, 0.3368**.

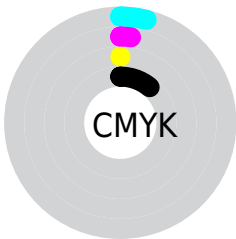
Distribution



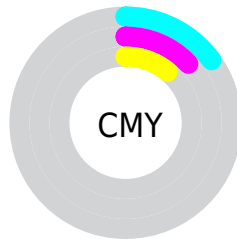
- Red (85%)
- Green (87%)
- Blue (89%)



- 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 72.6940, 0.3067, 0.3236 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 72.6940, 0.3067, 0.3236 by changing the saturation by 10% instead.

■ 72.6940, 0.3067,
0.3236

■ 72.6940, 0.3067,
0.3236

469.9536, 0.3095,
0.3261

■ 53.7258, 0.3061,
0.3230

123.0427, 0.3077,
0.3245

■ 38.3825, 0.3053,
0.3223

155.1920, 0.3080,
0.3248

■ 26.2797, 0.3043,
0.3214

192.5038, 0.3084,
0.3251

■ 17.0330, 0.3030,
0.3202

235.3624, 0.3086,
0.3254

■ 10.2580, 0.3012,
0.3186

284.1523, 0.3089,
0.3256

■ 5.5704, 0.2986,
0.3163

339.2579, 0.3091,

■ 2.5856, 0.2945,

0.3258

401.0635, 0.3093,
0.3260

0.3125

0.9195, 0.2871,
0.3058

0.0000, 0.0000,
0.0000

72.6940, 0.3067,
0.3236

72.6940, 0.3067,
0.3236

63.0043, 0.2909,
0.3088

83.3667, 0.3217,
0.3368

54.2583, 0.2744,
0.2923

93.4135, 0.3301,
0.3488

46.4271, 0.2576,
0.2741

98.3244, 0.3292,
0.3562

39.4772, 0.2408,
0.2545

■ 33.3721, 0.2244,
0.2336

■ 28.0729, 0.2092,
0.2121

■ 23.5364, 0.1957,
0.1903

■ 19.7144, 0.1845,
0.1692

■ 16.5501, 0.1758,
0.1493

Harmonies

Analogous

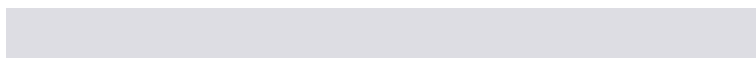
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6940, 0.3058, 0.3257



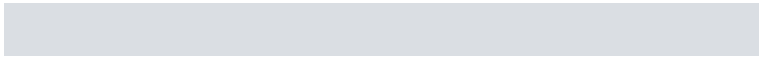
72.6940, 0.3067, 0.3236



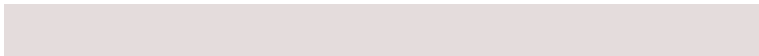
72.6940, 0.3092, 0.3229

Triad

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



72.6940, 0.3067, 0.3236



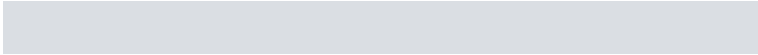
72.6940, 0.3187, 0.3293



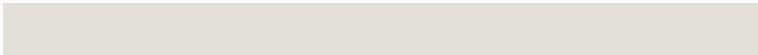
72.6940, 0.3128, 0.3342

Complementary

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



72.6940, 0.3067, 0.3236



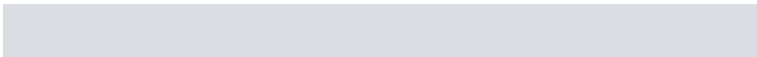
74.1476, 0.3188, 0.3343

Split Complementary

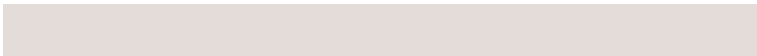
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.6940, 0.3163, 0.3352



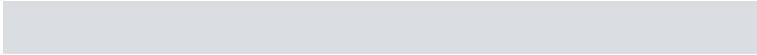
72.6940, 0.3067, 0.3236



72.6940, 0.3197, 0.3323

Square

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



72.6940, 0.3067, 0.3236



72.6940, 0.3161, 0.3262



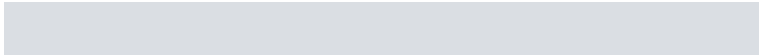
72.6940, 0.3188, 0.3344



72.6940, 0.3094, 0.3319

Rectangle

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



72.6940, 0.3067, 0.3236



72.6940, 0.3114, 0.3234



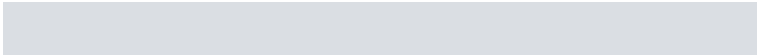
72.6940, 0.3188, 0.3344



72.6940, 0.3140, 0.3347

Sweetspot

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



72.6971, 0.3067, 0.3236



98.6219, 0.3112, 0.3276



75.1524, 0.3091, 0.3334



21.1237, 0.3113, 0.3277



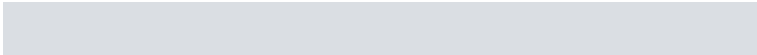
0.0000, 0.0000, 0.0000



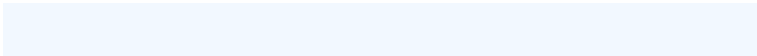
21.4041, 0.3127, 0.3290

Same Dimension

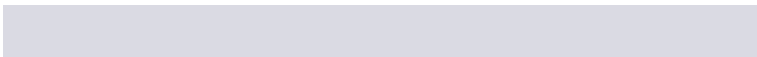
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6971, 0.3067, 0.3236



93.2393, 0.3050, 0.3221



70.6667, 0.3071, 0.3192



15.7670, 0.3040, 0.3212



8.9218, 0.1724, 0.1408



0.8423, 0.1802, 0.1688

Inverse Universe

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



71.7468, 0.3165, 0.3247



91.6868, 0.3176, 0.3235



76.2370, 0.3182, 0.3386



15.4709, 0.3182, 0.3228



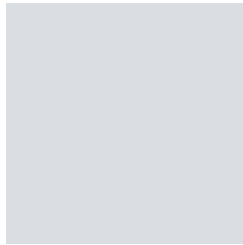
10.0984, 0.5181, 0.2628



0.7647, 0.4821, 0.2429

Previews

White Background



This preview shows how the Yxy color 72.6940, 0.3067, 0.3236 looks on a white background.

Color Contrast Check

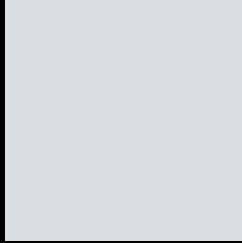
Large Text (above 18pt) WCAG AA × Fail

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 72.6940, 0.3067, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

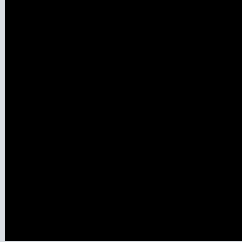
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

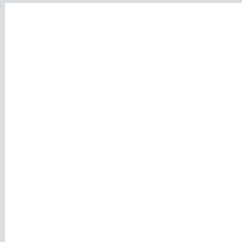
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.6940, 0.3067, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 72.6940, 0.3067, 0.3236.

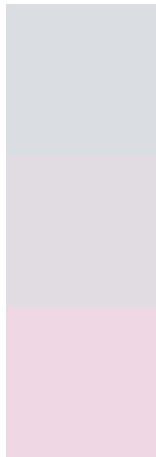


This preview shows how white text looks on a background with the Yxy color 72.6940, 0.3067, 0.3236.

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

72.6940, 0.3067, 0.3236

Protanopia

72.5247, 0.3116, 0.3226

Deuteranopia

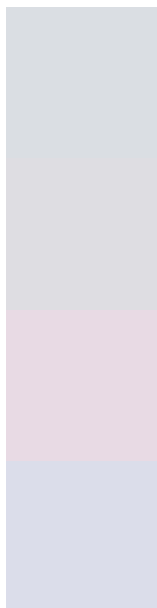
72.7276, 0.3221, 0.3155



Tritanopia

72.5751, 0.3011, 0.3098

Trichromacy



Original Color

72.6940, 0.3067, 0.3236

Protanomaly

72.7335, 0.3101, 0.3236

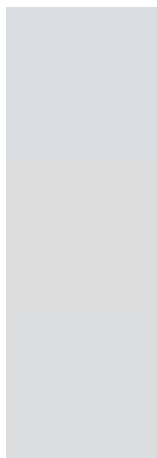
Deuteranomaly

72.9000, 0.3161, 0.3185

Tritanomaly

72.7135, 0.3029, 0.3150

Monochromacy



Original Color

72.6940, 0.3067, 0.3236

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 72.6940, 0.3067, 0.3236 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(218, 222, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 222, 227) }
```

Border

The CSS property to change the border of an element to Yxy 72.6940, 0.3067, 0.3236 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, 227) }
```

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

```
.border{ border-color:rgb(218, 222, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 222, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 222, 227); box-shadow:4px 4px 4px 4px rgb(218, 222, 227) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6940, 0.3067, 0.3236 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, 227) }
```

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

```
.background{ background-color: rgb(218,  
222, 227) }
```

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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