

Converting Colors

Yxy(71.3821, 0.3047, 0.3203)

Have a look what the booklet for
Yxy(71.3821, 0.3047, 0.3203)
contains.

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Color

Yxy(71.3868, 0.3047, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	D8DCE4
RGB	216, 220, 228
RGB Percent	85%, 86%, 89%
CMY	0.1530, 0.1372, 0.1060
CMYK	0.05, 0.03, 0.00, 0.11
HSL	220°, 18%, 87%
HSV	220°, 5%, 89%
XYZ	67.9100, 71.3868, 83.5781
YIQ	219.7160, -4.9520, 1.6400

Conversions

Conversions Part 2

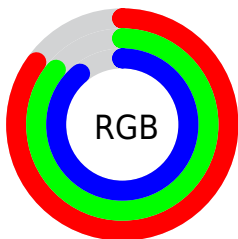
Format	Color
R _Y B	216, 219, 228
Decimal	14212324
CIE Lab	87.67, 0.13, -4.38
CIE LCh	88, 4.378, 271.693
Yxy	71.3868, 0.3047, 0.3203
Android (android.graphics.Color)	4292402404 (0xFFD8DCE4)
YUV	219.7160, 4.0840, -3.2589
Hunter-Lab	84.4907, -4.3882, 0.4939

Details

The Yxy color **71.3868, 0.3047, 0.3203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.7321, 0.3208, 0.3376**, and the grayscale version is **71.3353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5045, 0.3023, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **60.5610, 0.2886, 0.3022**, and if you desaturate by 10%, it is **83.4207, 0.3197, 0.3364**.

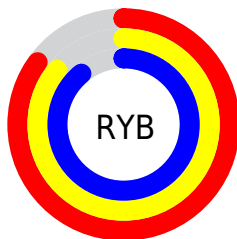
Distribution



Red (85%)

Green (86%)

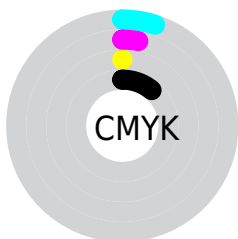
Blue (89%)



Red (85%)

Yellow (86%)

Blue (89%)

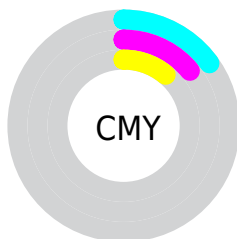


Cyan (5%)

Magenta (3%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (14%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.3868, 0.3047, 0.3203 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 71.3868, 0.3047, 0.3203 by changing the saturation by 10% instead.

■ 71.3868, 0.3047,
0.3203

■ 71.3868, 0.3047,
0.3203

465.4045, 0.3084,
0.3243

■ 52.6579, 0.3038,
0.3194

121.1843, 0.3060,
0.3217

■ 37.5298, 0.3028,
0.3182

153.0217, 0.3065,
0.3223

■ 25.6179, 0.3014,
0.3168

189.9975, 0.3069,
0.3227

■ 16.5380, 0.2997,
0.3148

232.4959, 0.3073,
0.3231

■ 9.9057, 0.2973,
0.3122

280.9014, 0.3076,
0.3235

■ 5.3365, 0.2937,
0.3084

335.5984, 0.3079,

■ 2.4460, 0.2882,

0.3238

0.3024

396.9713, 0.3082,
0.3241

0.8494, 0.2779,
0.2913

0.0000, 0.0000,
0.0000

71.3868, 0.3047,
0.3203

71.3868, 0.3047,
0.3203

60.5610, 0.2886,
0.3022

83.4207, 0.3197,
0.3364

50.8956, 0.2715,
0.2819

95.4202, 0.3291,
0.3508

42.3525, 0.2537,
0.2597

98.3800, 0.3286,
0.3552

34.8883, 0.2357,
0.2356

■ 28.4566, 0.2181,
0.2104

■ 23.0071, 0.2015,
0.1846

■ 18.4846, 0.1869,
0.1594

■ 14.8273, 0.1749,
0.1358

■ 11.9635, 0.1661,
0.1150

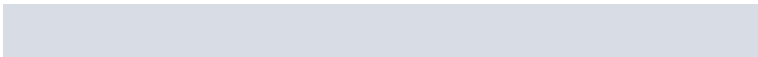
Harmonies

Analogous

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



71.3868, 0.3025, 0.3228



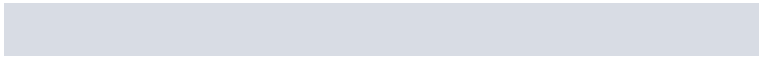
71.3868, 0.3047, 0.3203



71.3868, 0.3090, 0.3201

Triad

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



71.3868, 0.3047, 0.3203



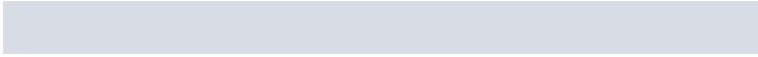
71.3868, 0.3225, 0.3309



71.3868, 0.3110, 0.3359

Complementary

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



71.3868, 0.3047, 0.3203



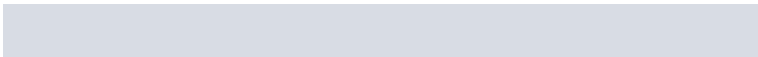
74.7321, 0.3208, 0.3376

Split Complementary

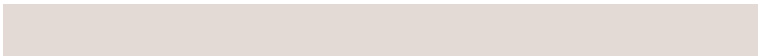
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.3868, 0.3164, 0.3381



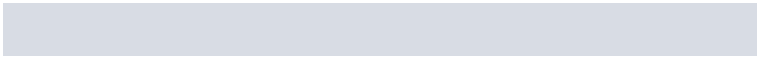
71.3868, 0.3047, 0.3203



71.3868, 0.3230, 0.3352

Square

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



71.3868, 0.3047, 0.3203



71.3868, 0.3193, 0.3262



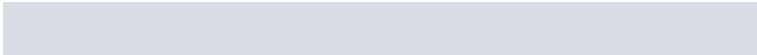
71.3868, 0.3208, 0.3378



71.3868, 0.3062, 0.3318

Rectangle

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



71.3868, 0.3047, 0.3203



71.3868, 0.3125, 0.3214



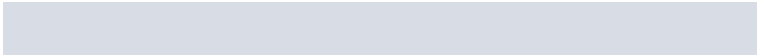
71.3868, 0.3208, 0.3378



71.3868, 0.3128, 0.3368

Sweetspot

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



71.3898, 0.3047, 0.3203



96.9027, 0.3097, 0.3257



75.4393, 0.3072, 0.3335



20.7737, 0.3098, 0.3259



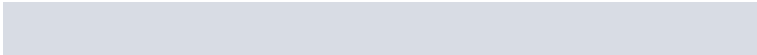
0.0000, 0.0000, 0.0000



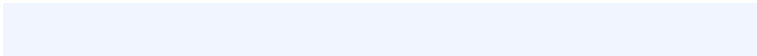
21.4041, 0.3127, 0.3290

Same Dimension

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



71.3898, 0.3047, 0.3203



90.8978, 0.3035, 0.3190



69.5791, 0.3060, 0.3159



15.3661, 0.3026, 0.3180



6.4565, 0.1636, 0.1089



0.6435, 0.1717, 0.1382

Inverse Universe

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



70.7640, 0.3187, 0.3247



89.9862, 0.3197, 0.3240



76.6266, 0.3192, 0.3418



15.1975, 0.3204, 0.3236



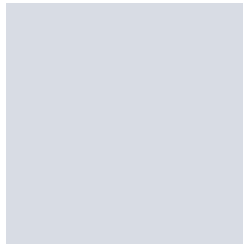
9.8495, 0.5626, 0.2873



0.7446, 0.5215, 0.2647

Previews

White Background



This preview shows how the Yxy color 71.3868, 0.3047, 0.3203 looks on a white background.

Color Contrast Check

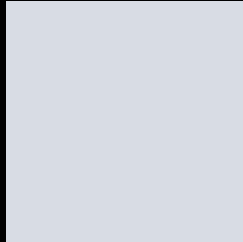
Large Text (above 18pt) WCAG AA × Fail

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 71.3868, 0.3047, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

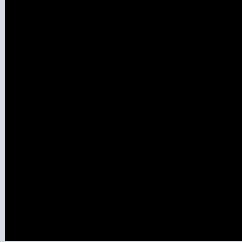
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

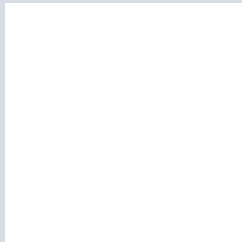
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3868, 0.3047, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 71.3868, 0.3047, 0.3203.

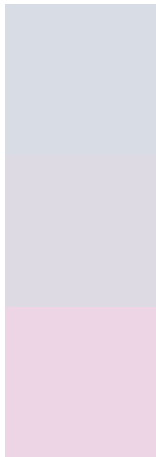


This preview shows how white text looks on a background with the Yxy color 71.3868, 0.3047, 0.3203.

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

71.3868, 0.3047, 0.3203

Protanopia

71.0610, 0.3089, 0.3193

Deuteranopia

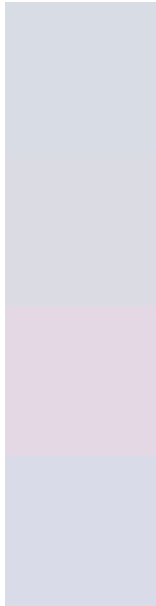
71.2502, 0.3194, 0.3123



Tritanopia

71.4709, 0.3003, 0.3106

Trichromacy



Original Color

71.3868, 0.3047, 0.3203

Protanomaly

71.2692, 0.3075, 0.3203

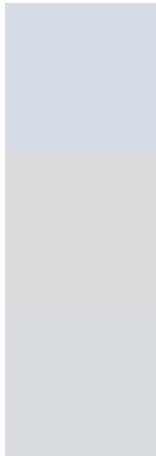
Deuteranomaly

71.4269, 0.3134, 0.3152

Tritanomaly

71.2979, 0.3022, 0.3138

Monochromacy



Original Color

71.3868, 0.3047, 0.3203

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.5742, 0.3100, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3868, 0.3047, 0.3203 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, 220, 228) looks like.

```
.text, #text, p{  
    color:rgb(216, 220, 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(216, 220, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 220, 228) }
```

Border

The CSS property to change the border of an element to Yxy 71.3868, 0.3047, 0.3203 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, 220, 228) }
```

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

```
.border{ border-color:rgb(216, 220, 228) }
```

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

Here you see how a box with a 4 pixel rgb(216, 220, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 220, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 220, 228);  
box-shadow:4px 4px 4px 4px rgb(216, 220,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3868, 0.3047, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 220, 228) }
```

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

```
.background{ background-color: rgb(216,  
220, 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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