

Converting Colors

$Yxy(70.0793, 0.3079, 0.3317)$

Have a look what the booklet for
Yxy(70.0793, 0.3079, 0.3317)
contains.

Yxy(70.0972, 0.3077, 0.3312)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.0972, 0.3077, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	D3DCDA
RGB	211, 220, 218
RGB Percent	83%, 86%, 85%
CMY	0.1723, 0.1373, 0.1451
CMYK	0.04, 0.00, 0.01, 0.14
HSL	167°, 11%, 85%
HSV	167°, 4%, 86%
XYZ	65.1235, 70.0972, 76.4254
YIQ	217.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

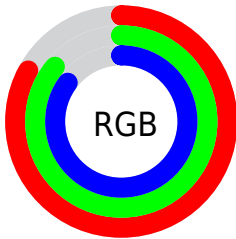
Format	Color
R _Y B	211, 216, 220
Decimal	13884634
CIE Lab	87.04, -3.36, -0.08
CIE LCh	87, 3.363, 181.341
Yxy	70.0972, 0.3077, 0.3312
Android (android.graphics.Color)	4292074714 (0xFFD3DCDA)
YUV	217.0810, 0.4531, -5.3330
Hunter-Lab	83.7241, -7.6736, 4.4855

Details

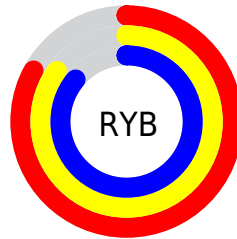
The Yxy color **70.0972, 0.3077, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6374, 0.3180, 0.3268**, and the grayscale version is **69.4527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.6225, 0.3061, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **66.8162, 0.2957, 0.3370**, and if you desaturate by 10%, it is **73.8365, 0.3201, 0.3259**.

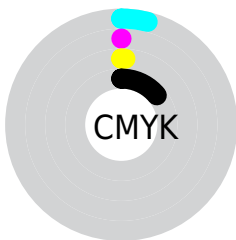
Distribution



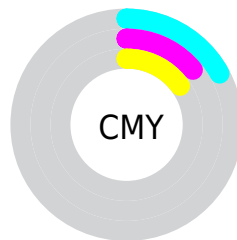
- Red (83%)
- Green (86%)
- Blue (85%)



- Red (83%)
- Yellow (85%)
- Blue (86%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (17%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.0972, 0.3077, 0.3312 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 70.0972, 0.3077, 0.3312 by changing the saturation by 10% instead.

■ 70.0972, 0.3077,
0.3312

■ 70.0972, 0.3077,
0.3312

460.8912, 0.3100,
0.3302

■ 51.6058, 0.3072,
0.3314

119.3474, 0.3085,
0.3308

■ 36.6909, 0.3065,
0.3317

150.8749, 0.3088,
0.3307

■ 24.9683, 0.3056,
0.3321

187.5166, 0.3091,
0.3306

■ 16.0534, 0.3045,
0.3326

229.6568, 0.3093,
0.3305

■ 9.5620, 0.3030,
0.3332

277.6800, 0.3095,
0.3304

■ 5.1095, 0.3007,
0.3342

331.9705, 0.3097,

■ 2.3117, 0.2971,

0.3303

392.9128, 0.3099,
0.3302

0.3358

0.7799, 0.2874,
0.3400

0.0000, 0.0000,
0.0000

70.0972, 0.3077,
0.3312

70.0972, 0.3077,
0.3312

66.8162, 0.2957,
0.3370

73.8365, 0.3201,
0.3259

63.9664, 0.2843,
0.3434

78.0316, 0.3327,
0.3213

61.5318, 0.2738,
0.3503

78.3076, 0.3293,
0.3164

59.4915, 0.2646,
0.3577

78.5913, 0.3259,
0.3116

■ 57.8231, 0.2569,
0.3655

■ 78.8829, 0.3226,
0.3068

■ 56.5018, 0.2509,
0.3735

■ 79.1823, 0.3193,
0.3021

■ 55.4998, 0.2469,
0.3817

■ 79.4898, 0.3161,
0.2975

■ 54.7849, 0.2449,
0.3900

■ 79.6610, 0.3143,
0.2950

■ 54.3179, 0.2447,
0.3982

Harmonies

Analogous

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



70.0972, 0.3115, 0.3343



70.0972, 0.3077, 0.3312



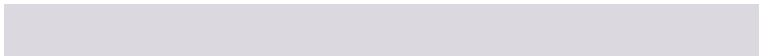
70.0972, 0.3053, 0.3275

Triad

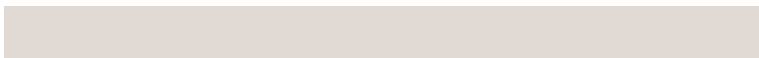
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.0972, 0.3077, 0.3312



70.0972, 0.3098, 0.3221



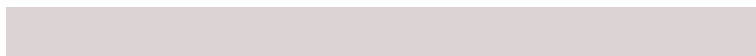
70.0972, 0.3207, 0.3337

Complementary

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



70.0972, 0.3077, 0.3312



66.6374, 0.3180, 0.3268

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.



70.0972, 0.3202, 0.3305



70.0972, 0.3077, 0.3312



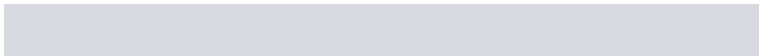
70.0972, 0.3139, 0.3238

Square

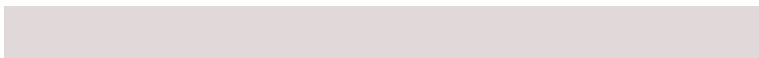
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.0972, 0.3077, 0.3312



70.0972, 0.3065, 0.3223



70.0972, 0.3178, 0.3268



70.0972, 0.3190, 0.3358

Rectangle

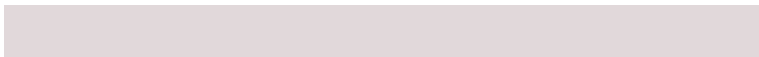
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



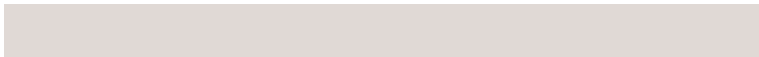
70.0972, 0.3077, 0.3312



70.0972, 0.3047, 0.3252



70.0972, 0.3178, 0.3268



70.0972, 0.3208, 0.3327

Sweetspot

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



70.1002, 0.3077, 0.3312



99.4830, 0.3115, 0.3295



70.0543, 0.3137, 0.3390



21.2989, 0.3115, 0.3295



0.0000, 0.0000, 0.0000



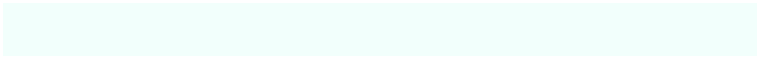
21.4041, 0.3127, 0.3290

Same Dimension

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



70.1002, 0.3077, 0.3312



97.4798, 0.3065, 0.3318



68.9636, 0.3065, 0.3263



15.0509, 0.3057, 0.3321



31.7830, 0.2449, 0.4018



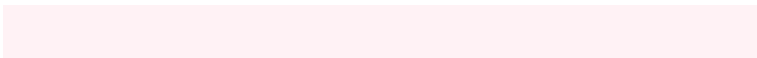
2.0715, 0.2412, 0.3885

Inverse Universe

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



66.6374, 0.3180, 0.3268



91.5114, 0.3193, 0.3263



67.7297, 0.3192, 0.3317



14.0176, 0.3202, 0.3259



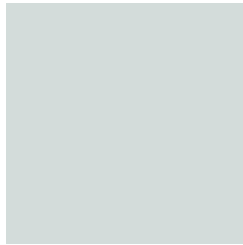
9.0741, 0.6001, 0.3080



0.6009, 0.5540, 0.2825

Previews

White Background



This preview shows how the Yxy color 70.0972, 0.3077, 0.3312 looks on a white background.

Color Contrast Check

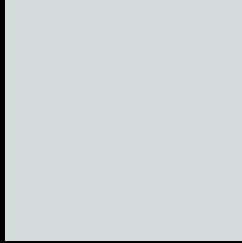
Large Text (above 18pt) WCAG AA × Fail

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 70.0972, 0.3077, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

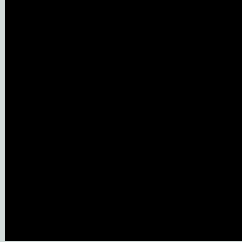
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

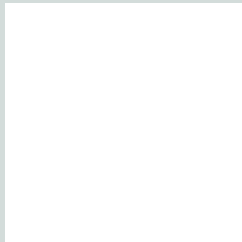
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.0972, 0.3077, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 70.0972, 0.3077, 0.3312.

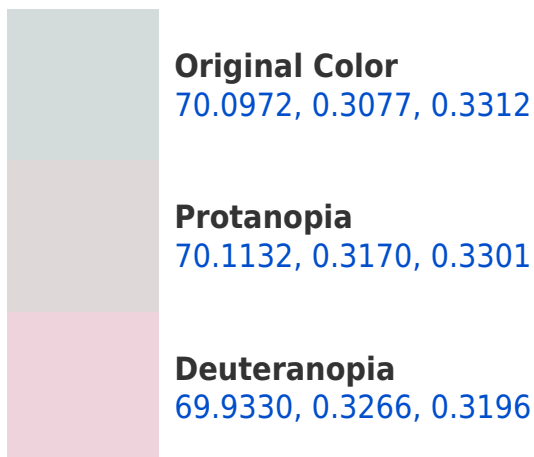


This preview shows how white text looks on a background with the Yxy color 70.0972, 0.3077, 0.3312.

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





Tritanopia

69.9200, 0.2989, 0.3094

Trichromacy



Original Color

70.0972, 0.3077, 0.3312

Protanomaly

70.0580, 0.3134, 0.3301

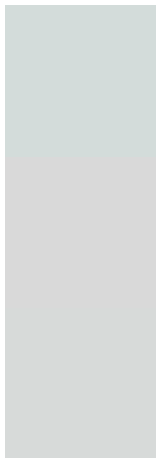
Deuteranomaly

69.7016, 0.3196, 0.3236

Tritanomaly

69.9461, 0.3020, 0.3169

Monochromacy



Original Color

70.0972, 0.3077, 0.3312

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.5996, 0.3112, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0972, 0.3077, 0.3312 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(211, 220, 218) looks like.

```
.text, #text, p{  
    color:rgb(211, 220, 218)  
}
```

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(211, 220, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 220, 218) }
```

Border

The CSS property to change the border of an element to Yxy 70.0972, 0.3077, 0.3312 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(211, 220, 218) }
```

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

```
.border{ border-color:rgb(211, 220, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 220, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 220, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 220, 218);  
box-shadow:4px 4px 4px 4px rgb(211, 220,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0972, 0.3077, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 220, 218) }
```

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

```
.background{ background-color: rgb(211,  
220, 218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor