

Converting Colors

$Yxy(72.2843, 0.3073, 0.3321)$

Have a look what the booklet for
Yxy(72.2843, 0.3073, 0.3321)
contains.

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Color

Yxy(72.1419, 0.3070, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	D5DFDD
RGB	213, 223, 221
RGB Percent	84%, 87%, 87%
CMY	0.1649, 0.1254, 0.1333
CMYK	0.05, 0.00, 0.01, 0.13
HSL	168°, 14%, 85%
HSV	168°, 5%, 87%
XYZ	66.8707, 72.1419, 78.8072
YIQ	219.7820, -5.3180, -2.7420

Conversions

Conversions Part 2

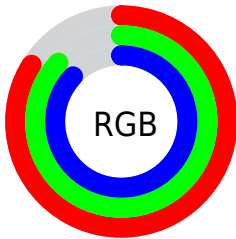
Format	Color
R _Y B	213, 219, 223
Decimal	14016477
CIE Lab	88.04, -3.73, -0.20
CIE LCh	88, 3.738, 182.996
Yxy	72.1419, 0.3070, 0.3312
Android (android.graphics.Color)	4292206557 (0xFFD5DFDD)
YUV	219.7820, 0.6005, -5.9478
Hunter-Lab	84.9364, -8.1051, 4.4440

Details

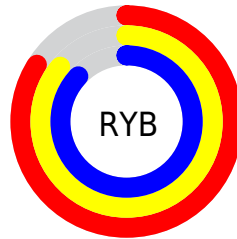
The Yxy color **72.1419, 0.3070, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.1645, 0.3188, 0.3268**, and the grayscale version is **71.4066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.0275, 0.3053, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **68.8019, 0.2947, 0.3365**, and if you desaturate by 10%, it is **75.9529, 0.3198, 0.3265**.

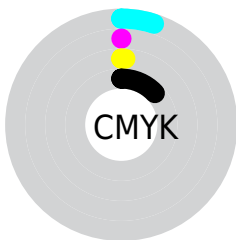
Distribution



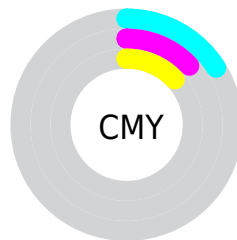
- Red (84%)
- Green (87%)
- Blue (87%)



- Red (84%)
- Yellow (86%)
- Blue (87%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.1419, 0.3070, 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 72.1419, 0.3070, 0.3312 by changing the saturation by 10% instead.

■ 72.1419, 0.3070,
0.3312

■ 72.1419, 0.3070,
0.3312

468.0354, 0.3097,
0.3302

■ 53.2746, 0.3064,
0.3314

122.2583, 0.3079,
0.3309

■ 38.0220, 0.3056,
0.3317

154.2761, 0.3083,
0.3307

■ 25.9998, 0.3047,
0.3321

191.4462, 0.3086,
0.3306

■ 16.8235, 0.3034,
0.3326

234.1531, 0.3089,
0.3305

■ 10.1087, 0.3017,
0.3332

282.7810, 0.3091,
0.3304

■ 5.4711, 0.2992,
0.3341

337.7145, 0.3093,

■ 2.5262, 0.2953,

0.3303

399.3378, 0.3095,
0.3303

0.3356

0.8897, 0.2872,
0.3387

0.0000, 0.0000,
0.0000

72.1419, 0.3070,
0.3312

72.1419, 0.3070,
0.3312

68.8019, 0.2947,
0.3365

75.9529, 0.3198,
0.3265

65.9051, 0.2830,
0.3422


79.7538, 0.3309,
0.3222


63.4346, 0.2724,
0.3484

80.0080, 0.3278,
0.3178


61.3690, 0.2630,
0.3550


80.2686, 0.3248,
0.3134


 59.6849, 0.2552,
0.3620

 80.5358, 0.3218,
0.3091


 58.3567, 0.2492,
0.3691


 80.8096, 0.3189,
0.3048

 57.3553, 0.2451,
0.3765

 81.0899, 0.3159,
0.3005

 56.6473, 0.2429,
0.3838

 81.2641, 0.3142,
0.2980

 56.1917, 0.2427,
0.3911

Harmonies

Analogous

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



72.1419, 0.3111, 0.3347



72.1419, 0.3070, 0.3312



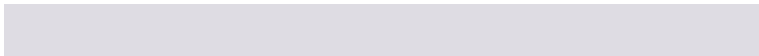
72.1419, 0.3044, 0.3271

Triad

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



72.1419, 0.3070, 0.3312



72.1419, 0.3098, 0.3215



72.1419, 0.3214, 0.3344

Complementary

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



72.1419, 0.3070, 0.3312



68.1645, 0.3188, 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.



72.1419, 0.3211, 0.3308



72.1419, 0.3070, 0.3312



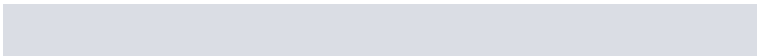
72.1419, 0.3143, 0.3234

Square

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



72.1419, 0.3070, 0.3312



72.1419, 0.3060, 0.3215



72.1419, 0.3185, 0.3268



72.1419, 0.3194, 0.3365

Rectangle

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



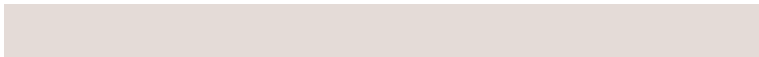
72.1419, 0.3070, 0.3312



72.1419, 0.3039, 0.3246



72.1419, 0.3185, 0.3268



72.1419, 0.3216, 0.3333

Sweetspot

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



72.1450, 0.3070, 0.3312



99.4867, 0.3114, 0.3295



72.0544, 0.3137, 0.3401



21.2997, 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.



72.1450, 0.3070, 0.3312



97.4981, 0.3063, 0.3315



70.7432, 0.3058, 0.3258



15.8086, 0.3055, 0.3318



32.9453, 0.2428, 0.3940



2.2957, 0.2397, 0.3828

Inverse Universe

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



68.1645, 0.3188, 0.3268



91.4938, 0.3195, 0.3265



69.5071, 0.3199, 0.3321



14.7143, 0.3204, 0.3262



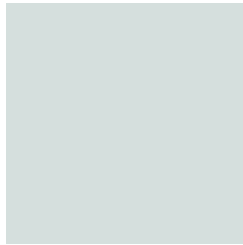
9.3471, 0.6066, 0.3116



0.6606, 0.5643, 0.2882

Previews

White Background



This preview shows how the Yxy color 72.1419, 0.3070, 0.3312 looks on a white background.

Color Contrast Check

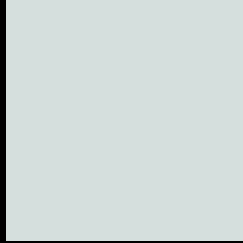
Large Text (above 18pt) WCAG AA × Fail

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 72.1419, 0.3070, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

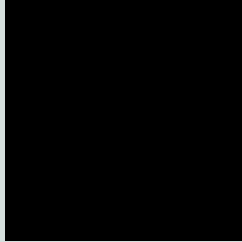
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

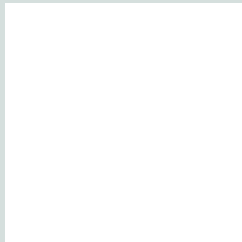
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1419, 0.3070, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 72.1419, 0.3070, 0.3312.

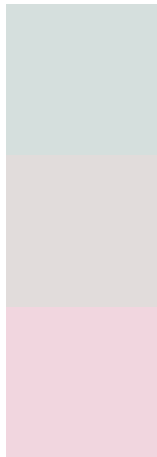


This preview shows how white text looks on a background with the Yxy color 72.1419, 0.3070, 0.3312.

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



Original Color

72.1419, 0.3070, 0.3312

Protanopia

72.3084, 0.3170, 0.3301

Deuteranopia

72.1216, 0.3264, 0.3197



Tritanopia

71.9584, 0.2984, 0.3096

Trichromacy



Original Color

72.1419, 0.3070, 0.3312

Protanomaly

72.2524, 0.3134, 0.3301

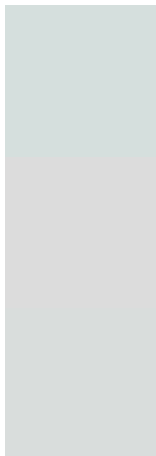
Deuteranomaly

71.8886, 0.3195, 0.3237

Tritanomaly

71.9862, 0.3014, 0.3170

Monochromacy



Original Color

72.1419, 0.3070, 0.3312

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.6319, 0.3105, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1419, 0.3070, 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(213, 223, 221)` looks like.

```
.text, #text, p{  
    color:rgb(213, 223, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 223, 221) }
```

Border

The CSS property to change the border of an element to Yxy 72.1419, 0.3070, 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(213, 223, 221) }
```

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

```
.border{ border-color:rgb(213, 223, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 223, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 223, 221);  
box-shadow:4px 4px 4px 4px rgb(213, 223,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1419, 0.3070, 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(213, 223, 221) }
```

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

```
.background{ background-color: rgb(213,  
223, 221) }
```

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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