

Converting Colors

Yxy(68.6155, 0.3016, 0.3236)

Have a look what the booklet for
Yxy(68.6155, 0.3016, 0.3236)
contains.

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Color

Yxy(68.7359, 0.3017, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	CFDADF
RGB	207, 218, 223
RGB Percent	81%, 85%, 87%
CMY	0.1882, 0.1451, 0.1256
CMYK	0.07, 0.02, 0.00, 0.13
HSL	199°, 20%, 84%
HSV	199°, 7%, 87%
XYZ	64.1238, 68.7359, 79.6818
YIQ	215.2810, -8.1610, -0.7770

Conversions

Conversions Part 2

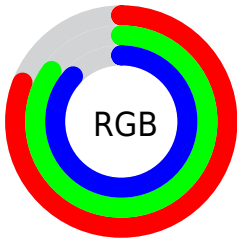
Format	Color
R_{YB}	207, 214, 223
Decimal	13621983
CIE _{Lab}	86.37, -2.74, -3.73
CIE _{LCh}	86, 4.622, 233.709
Yxy	68.7359, 0.3017, 0.3234
Android (android.graphics.Color)	4291812063 (0xFFCFDADF)
YUV	215.2810, 3.8055, -7.2624
Hunter-Lab	82.9071, -7.0283, 1.0515

Details

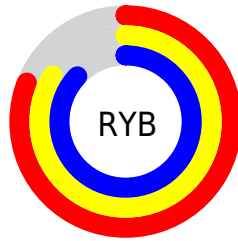
The Yxy color **68.7359, 0.3017, 0.3234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2736, 0.3244, 0.3345**, and the grayscale version is **68.1358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.7938, 0.2992, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **62.2209, 0.2862, 0.3149**, and if you desaturate by 10%, it is **75.8614, 0.3171, 0.3311**.

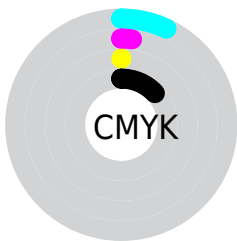
Distribution



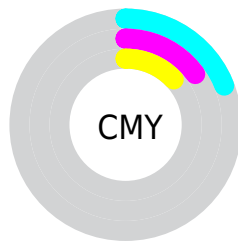
- Red (81%)
- Green (85%)
- Blue (87%)



- Red (81%)
- Yellow (84%)
- Blue (87%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (19%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.7359, 0.3017, 0.3234 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 68.7359, 0.3017, 0.3234 by changing the saturation by 10% instead.

■ 68.7359, 0.3017,
0.3234

■ 68.7359, 0.3017,
0.3234

456.0990, 0.3068,
0.3260

■ 50.4967, 0.3005,
0.3228

117.4043, 0.3035,
0.3243

■ 35.8082, 0.2990,
0.3220

148.6022, 0.3042,
0.3247

■ 24.2861, 0.2972,
0.3210

184.8885, 0.3048,
0.3250

■ 15.5460, 0.2947,
0.3197

226.6475, 0.3053,
0.3253

■ 9.2035, 0.2913,
0.3179

274.2637, 0.3058,
0.3255

■ 4.8741, 0.2863,
0.3152

328.1214, 0.3062,

■ 2.1736, 0.2784,

0.3257

0.3108

388.6050, 0.3065,
0.3259

0.7055, 0.2581,
0.3016

0.0000, 0.0000,
0.0000

68.7359, 0.3017,
0.3234

68.7359, 0.3017,
0.3234

62.2209, 0.2862,
0.3149

75.8614, 0.3171,
0.3311

56.2869, 0.2710,
0.3055

83.6084, 0.3321,
0.3380

50.9148, 0.2562,
0.2954

88.2331, 0.3336,
0.3447

46.0809, 0.2422,
0.2846

92.3778, 0.3327,
0.3515

■ 41.7593, 0.2295,
0.2732

■ 96.6807, 0.3318,
0.3581

■ 37.9217, 0.2183,
0.2615

■ 98.1064, 0.3316,
0.3602

■ 34.5361, 0.2090,
0.2495

■ 31.5653, 0.2018,
0.2376

■ 28.9612, 0.1965,
0.2259

Harmonies

Analogous

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



68.7359, 0.3030, 0.3282



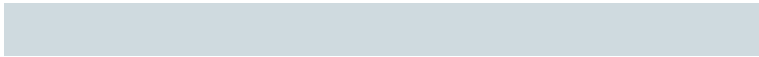
68.7359, 0.3017, 0.3234



68.7359, 0.3033, 0.3202

Triad

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



68.7359, 0.3017, 0.3234



68.7359, 0.3185, 0.3248



68.7359, 0.3180, 0.3389

Complementary

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



68.7359, 0.3017, 0.3234



67.2736, 0.3244, 0.3345

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.



68.7359, 0.3222, 0.3379



68.7359, 0.3017, 0.3234



68.7359, 0.3225, 0.3297

Square

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



68.7359, 0.3017, 0.3234



68.7359, 0.3129, 0.3210



68.7359, 0.3239, 0.3345



68.7359, 0.3125, 0.3372

Rectangle

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



68.7359, 0.3017, 0.3234



68.7359, 0.3058, 0.3193



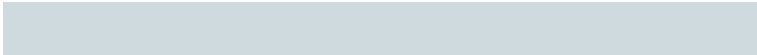
68.7359, 0.3239, 0.3345



68.7359, 0.3197, 0.3388

Sweetspot

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



68.7388, 0.3017, 0.3234



98.0355, 0.3096, 0.3275



70.7745, 0.3088, 0.3416



21.0043, 0.3098, 0.3275



0.0000, 0.0000, 0.0000



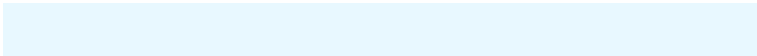
21.4041, 0.3127, 0.3290

Same Dimension

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



68.7388, 0.3017, 0.3234



91.4248, 0.2987, 0.3218



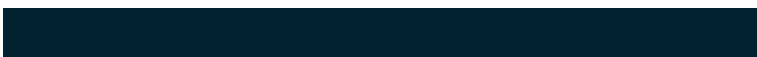
64.7920, 0.3018, 0.3146



14.8138, 0.2982, 0.3215



16.8337, 0.1957, 0.2243



1.3243, 0.2007, 0.2424

Inverse Universe

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



65.3814, 0.3170, 0.3170



85.7692, 0.3183, 0.3137



71.2636, 0.3236, 0.3430



13.8591, 0.3185, 0.3130



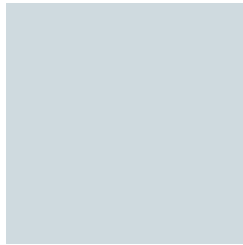
10.6074, 0.4186, 0.2080



0.7511, 0.3999, 0.1977

Previews

White Background



This preview shows how the Yxy color 68.7359, 0.3017, 0.3234 looks on a white background.

Color Contrast Check

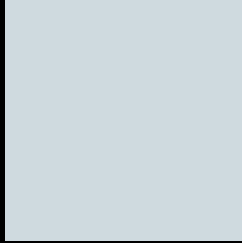
Large Text (above 18pt) WCAG AA × Fail

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 68.7359, 0.3017, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

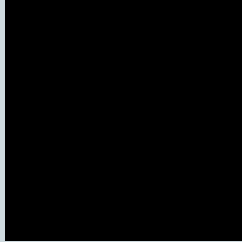
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

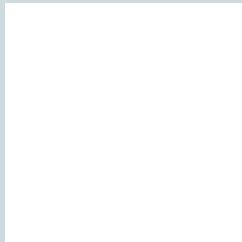
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.7359, 0.3017, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 68.7359, 0.3017, 0.3234.

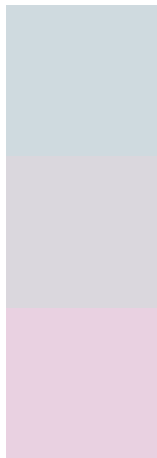


This preview shows how white text looks on a background with the Yxy color 68.7359, 0.3017, 0.3234.

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

68.7359, 0.3017, 0.3234

Protanopia

68.7268, 0.3109, 0.3224

Deuteranopia

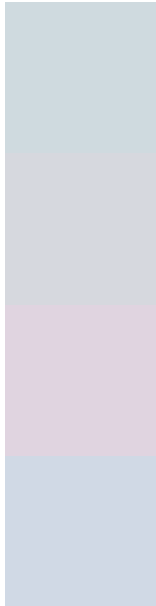
68.3608, 0.3195, 0.3120



Tritanopia

68.5502, 0.2967, 0.3102

Trichromacy



Original Color

68.7359, 0.3017, 0.3234

Protanomaly

68.6818, 0.3073, 0.3223

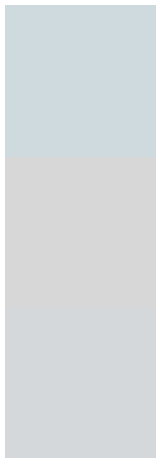
Deuteranomaly

68.3161, 0.3133, 0.3160

Tritanomaly

68.6927, 0.2985, 0.3156

Monochromacy



Original Color

68.7359, 0.3017, 0.3234

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.1707, 0.3085, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.7359, 0.3017, 0.3234 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(207, 218, 223)` looks like.

```
.text, #text, p{  
    color:rgb(207, 218, 223)  
}
```

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(207, 218, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 218, 223) }
```

Border

The CSS property to change the border of an element to Yxy 68.7359, 0.3017, 0.3234 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(207, 218, 223) }
```

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

```
.border{ border-color:rgb(207, 218, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 218, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 218, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 218, 223);  
box-shadow:4px 4px 4px 4px rgb(207, 218,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 68.7359, 0.3017, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 218, 223) }
```

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

```
.background{ background-color: rgb(207,  
218, 223) }
```

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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