

Converting Colors

$Y_{xy}(70.2311, 0.3017, 0.3261)$

Have a look what the booklet for
Yxy(70.2311, 0.3017, 0.3261)
contains.

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Color

Yxy(70.3060, 0.3017, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	CFDDDF
RGB	207, 221, 223
RGB Percent	81%, 87%, 87%
CMY	0.1879, 0.1334, 0.1254
CMYK	0.07, 0.01, 0.00, 0.13
HSL	188°, 20%, 84%
HSV	188°, 7%, 87%
XYZ	64.9260, 70.3060, 79.9685
YIQ	217.0420, -8.9860, -2.3460

Conversions

Conversions Part 2

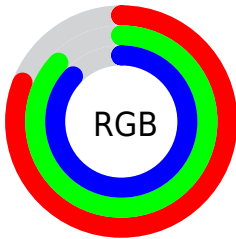
Format	Color
R _Y B	207, 214, 223
Decimal	13622751
CIE Lab	87.15, -4.25, -2.61
CIE LCh	87, 4.986, 211.538
Yxy	70.3060, 0.3017, 0.3267
Android (android.graphics.Color)	4291812831 (0xFFCFDDDF)
YUV	217.0420, 2.9373, -8.8068
Hunter-Lab	83.8487, -8.5185, 2.1478

Details

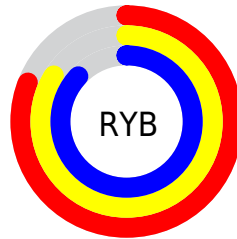
The Yxy color **70.3060, 0.3017, 0.3267** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8563, 0.3247, 0.3313**, and the grayscale version is **69.4128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.8719, 0.2992, 0.3260** is the 20% darker color. If you saturate the color by 10%, you get **65.8299, 0.2867, 0.3232**, and if you desaturate by 10%, it is **75.2672, 0.3172, 0.3299**.

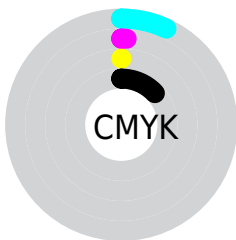
Distribution



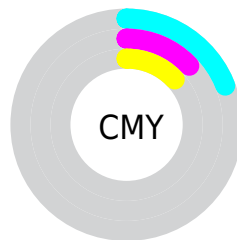
- Red (81%)
- Green (87%)
- Blue (87%)



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



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.3060, 0.3017, 0.3267 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 70.3060, 0.3017, 0.3267 by changing the saturation by 10% instead.

■ 70.3060, 0.3017,
0.3267

■ 70.3060, 0.3017,
0.3267

461.6237, 0.3068,
0.3278

■ 51.7760, 0.3005,
0.3264

119.6450, 0.3035,
0.3271

■ 36.8266, 0.2991,
0.3261

151.2229, 0.3042,
0.3272

■ 25.0733, 0.2972,
0.3257

187.9188, 0.3048,
0.3274

■ 16.1316, 0.2948,
0.3251

230.1173, 0.3053,
0.3275

■ 9.6174, 0.2915,
0.3244

278.2026, 0.3057,
0.3276

■ 5.1460, 0.2866,
0.3232

332.5591, 0.3061,

■ 2.3332, 0.2789,

0.3277

393.5714, 0.3065,
0.3277

0.3212

0.7912, 0.2608,
0.3183

0.0000, 0.0000,
0.0000

70.3060, 0.3017,
0.3267

70.3060, 0.3017,
0.3267

65.8299, 0.2867,
0.3232

75.2672, 0.3172,
0.3299

61.8109, 0.2724,
0.3195

80.7226, 0.3328,
0.3327

58.2318, 0.2591,
0.3155

82.9114, 0.3348,
0.3355

55.0704, 0.2471,
0.3112

84.5027, 0.3344,
0.3383

■ 52.3029, 0.2368,
0.3069

■ 86.1200, 0.3340,
0.3411

■ 49.9027, 0.2282,
0.3024

■ 87.7634, 0.3337,
0.3439

■ 47.8397, 0.2216,
0.2979

■ 89.4329, 0.3333,
0.3467

■ 46.0787, 0.2169,
0.2934

■ 91.1287, 0.3329,
0.3494

■ 44.5735, 0.2139,
0.2889

■ 92.8509, 0.3326,
0.3522

Harmonies

Analogous

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



70.3060, 0.3053, 0.3322



70.3060, 0.3017, 0.3267



70.3060, 0.3011, 0.3219

Triad

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



70.3060, 0.3017, 0.3267



70.3060, 0.3146, 0.3213



70.3060, 0.3220, 0.3390

Complementary

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



70.3060, 0.3017, 0.3267



65.8563, 0.3247, 0.3313

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.



70.3060, 0.3245, 0.3360



70.3060, 0.3017, 0.3267



70.3060, 0.3202, 0.3258

Square

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



70.3060, 0.3017, 0.3267



70.3060, 0.3084, 0.3189



70.3060, 0.3239, 0.3312



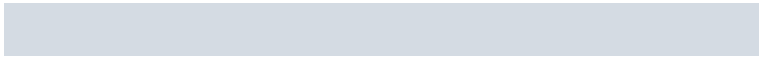
70.3060, 0.3169, 0.3394

Rectangle

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



70.3060, 0.3017, 0.3267



70.3060, 0.3024, 0.3197



70.3060, 0.3239, 0.3312



70.3060, 0.3231, 0.3383

Sweetspot

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



70.3090, 0.3017, 0.3267



98.6313, 0.3096, 0.3284



70.6602, 0.3107, 0.3449



21.1255, 0.3097, 0.3284



0.0000, 0.0000, 0.0000



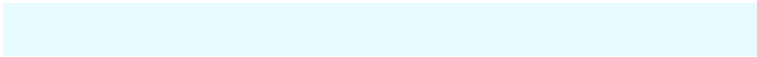
21.4041, 0.3127, 0.3290

Same Dimension

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



70.3090, 0.3017, 0.3267



94.0511, 0.2988, 0.3261



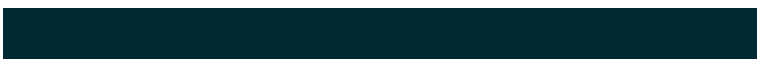
66.2898, 0.3018, 0.3179



15.2584, 0.2982, 0.3259



26.0834, 0.2134, 0.2884



1.8924, 0.2153, 0.2952

Inverse Universe

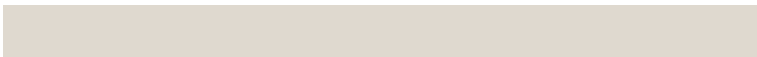
The Inverse Universe completely reimagines the original color for something new.



65.5755, 0.3150, 0.3138



86.0343, 0.3156, 0.3096



69.7766, 0.3239, 0.3398



13.9040, 0.3157, 0.3088



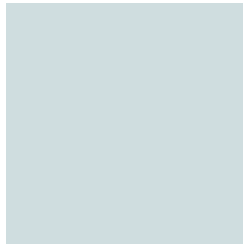
11.5412, 0.3558, 0.1734



0.8085, 0.3497, 0.1700

Previews

White Background



This preview shows how the Yxy color 70.3060, 0.3017, 0.3267 looks on a white background.

Color Contrast Check

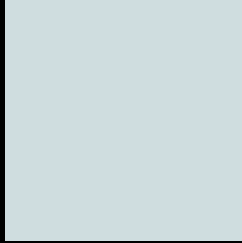
Large Text (above 18pt) WCAG AA × Fail

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 70.3060, 0.3017, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

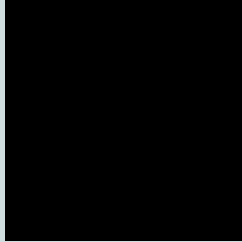
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

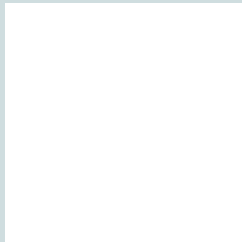
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.3060, 0.3017, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 70.3060, 0.3017, 0.3267.

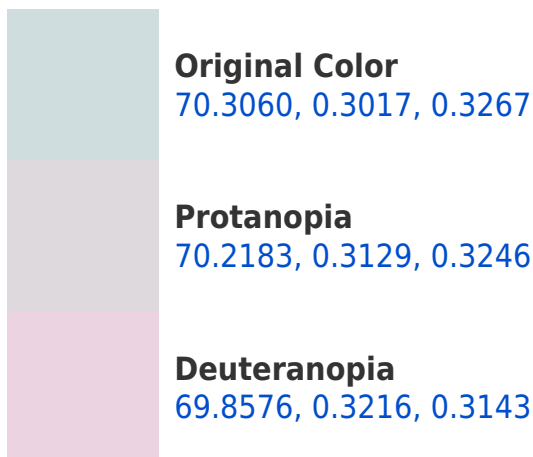


This preview shows how white text looks on a background with the Yxy color 70.3060, 0.3017, 0.3267.

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

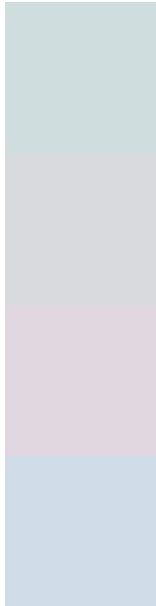




Tritanopia

70.2745, 0.2948, 0.3103

Trichromacy



Original Color

70.3060, 0.3017, 0.3267

Protanomaly

70.0157, 0.3086, 0.3246

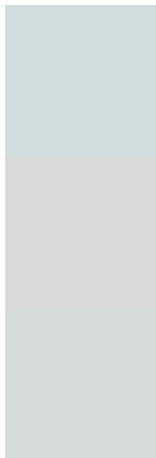
Deuteranomaly

69.9902, 0.3139, 0.3193

Tritanomaly

70.3658, 0.2973, 0.3168

Monochromacy



Original Color

70.3060, 0.3017, 0.3267

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.4034, 0.3085, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3060, 0.3017, 0.3267 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, 221, 223)` looks like.

```
.text, #text, p{  
    color:rgb(207, 221, 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, 221, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 221, 223) }
```

Border

The CSS property to change the border of an element to Yxy 70.3060, 0.3017, 0.3267 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, 221, 223) }
```

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

```
.border{ border-color:rgb(207, 221, 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, 221, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 221, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 221, 223);  
box-shadow:4px 4px 4px 4px rgb(207, 221,  
223) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 70.3060, 0.3017, 0.3267$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 221, 223) }
```

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

```
.background{ background-color: rgb(207,  
221, 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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