

Converting Colors

Yxy(66.6867, 0.3013, 0.3251)

Have a look what the booklet for
Yxy(66.6867, 0.3013, 0.3251)
contains.

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Color

Yxy(66.9227, 0.3015, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	CBD8DB
RGB	203, 216, 219
RGB Percent	80%, 85%, 86%
CMY	0.2039, 0.1529, 0.1413
CMYK	0.07, 0.01, 0.00, 0.14
HSL	191°, 18%, 83%
HSV	191°, 7%, 86%
XYZ	61.9693, 66.9227, 76.6446
YIQ	212.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

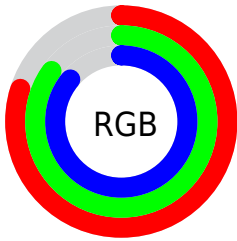
Format	Color
R _Y B	203, 210, 219
Decimal	13359323
CIE Lab	85.46, -3.79, -2.97
CIE LCh	85, 4.815, 218.112
Yxy	66.9227, 0.3015, 0.3256
Android (android.graphics.Color)	4291549403 (0xFFC8D8DB)
YUV	212.4550, 3.2267, -8.2920
Hunter-Lab	81.8063, -7.9451, 1.7154

Details

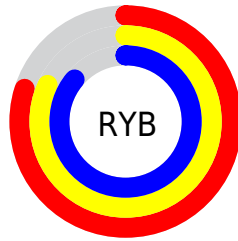
The Yxy color **66.9227, 0.3015, 0.3256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4974, 0.3248, 0.3324**, and the grayscale version is **66.1409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5596, 0.2989, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **62.0082, 0.2864, 0.3205**, and if you desaturate by 10%, it is **72.3285, 0.3169, 0.3302**.

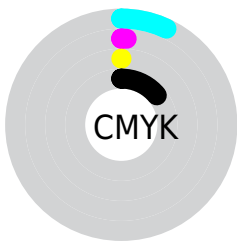
Distribution



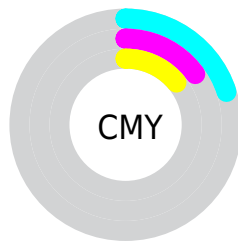
- Red (80%)
- Green (85%)
- Blue (86%)



- Red (80%)
- Yellow (82%)
- Blue (86%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.9227, 0.3015, 0.3256 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 66.9227, 0.3015, 0.3256 by changing the saturation by 10% instead.

■ 66.9227, 0.3015,
0.3256

■ 66.9227, 0.3015,
0.3256

449.6696, 0.3068,
0.3272

■ 49.0218, 0.3003,
0.3252

114.8096, 0.3033,
0.3262

■ 34.6368, 0.2988,
0.3247

145.5645, 0.3040,
0.3264

■ 23.3832, 0.2968,
0.3241

181.3728, 0.3047,
0.3266

■ 14.8767, 0.2943,
0.3233

222.6189, 0.3052,
0.3267

■ 8.7329, 0.2907,
0.3221

269.6872, 0.3057,
0.3269

■ 4.5674, 0.2855,
0.3203

322.9622, 0.3061,

■ 1.9957, 0.2771,

0.3270

382.8282, 0.3064,
0.3271

0.3174

0.6050, 0.2469,
0.3096

0.0000, 0.0000,
0.0000

66.9227, 0.3015,
0.3256

66.9227, 0.3015,
0.3256

62.0082, 0.2864,
0.3205

72.3285, 0.3169,
0.3302

57.5582, 0.2718,
0.3151

78.2346, 0.3323,
0.3343

53.5556, 0.2580,
0.3092

81.9679, 0.3377,
0.3383

49.9793, 0.2455,
0.3029

84.2329, 0.3371,
0.3423

■ 46.8059, 0.2344,
0.2964

■ 86.5508, 0.3365,
0.3463

■ 44.0098, 0.2251,
0.2897

■ 88.9219, 0.3360,
0.3503

■ 41.5620, 0.2177,
0.2830

■ 91.3467, 0.3354,
0.3542

■ 39.4285, 0.2122,
0.2762

■ 93.8255, 0.3348,
0.3580

■ 37.5640, 0.2086,
0.2696

■ 96.3585, 0.3343,
0.3619

Harmonies

Analogous

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



66.9227, 0.3044, 0.3310



66.9227, 0.3015, 0.3256



66.9227, 0.3016, 0.3212

Triad

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



66.9227, 0.3015, 0.3256



66.9227, 0.3158, 0.3223



66.9227, 0.3209, 0.3392

Complementary

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



66.9227, 0.3015, 0.3256



63.4974, 0.3248, 0.3324

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.



66.9227, 0.3240, 0.3367



66.9227, 0.3015, 0.3256



66.9227, 0.3211, 0.3270

Square

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



66.9227, 0.3015, 0.3256



66.9227, 0.3098, 0.3194



66.9227, 0.3241, 0.3323



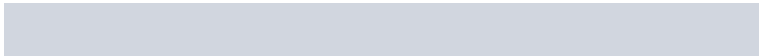
66.9227, 0.3156, 0.3389

Rectangle

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



66.9227, 0.3015, 0.3256



66.9227, 0.3033, 0.3194



66.9227, 0.3241, 0.3323



66.9227, 0.3222, 0.3386

Sweetspot

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



66.9255, 0.3015, 0.3256



98.4431, 0.3096, 0.3281



67.7969, 0.3099, 0.3440



21.0872, 0.3098, 0.3281



0.0000, 0.0000, 0.0000



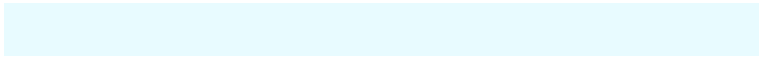
21.4041, 0.3127, 0.3290

Same Dimension

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



66.9255, 0.3015, 0.3256



93.2166, 0.2988, 0.3247



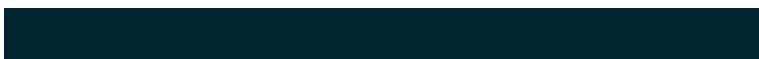
62.9546, 0.3016, 0.3165



14.3972, 0.2982, 0.3246



22.1467, 0.2080, 0.2688



1.5435, 0.2110, 0.2797

Inverse Universe

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



62.7312, 0.3157, 0.3145



85.9501, 0.3164, 0.3109



67.4170, 0.3240, 0.3412



13.2312, 0.3166, 0.3102



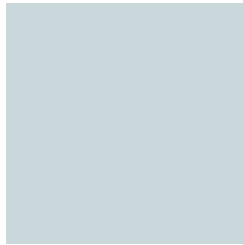
10.8595, 0.3740, 0.1834



0.7145, 0.3638, 0.1778

Previews

White Background



This preview shows how the Yxy color 66.9227, 0.3015, 0.3256 looks on a white background.

Color Contrast Check

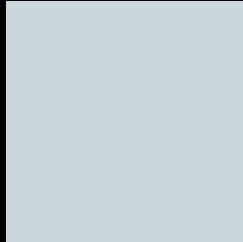
Large Text (above 18pt) WCAG AA × Fail

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 66.9227, 0.3015, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

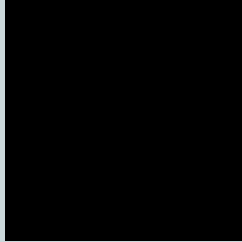
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

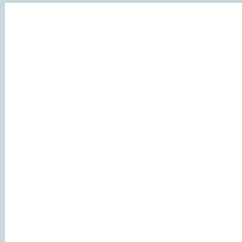
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.9227, 0.3015, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 66.9227, 0.3015, 0.3256.

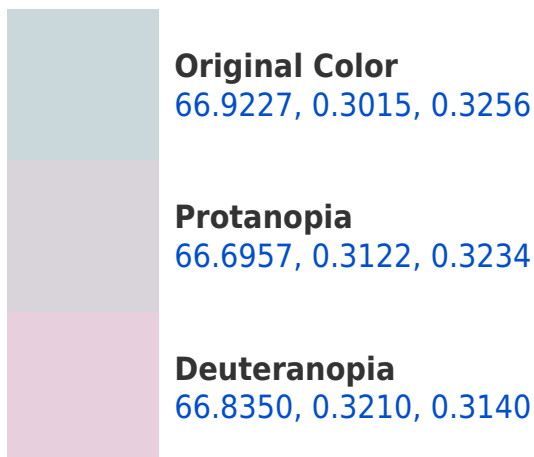


This preview shows how white text looks on a background with the Yxy color 66.9227, 0.3015, 0.3256.

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

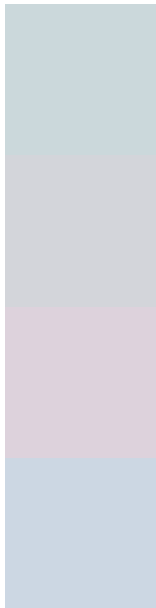




Tritanopia

66.8418, 0.2952, 0.3100

Trichromacy



Original Color

66.9227, 0.3015, 0.3256

Protanomaly

66.4993, 0.3079, 0.3234

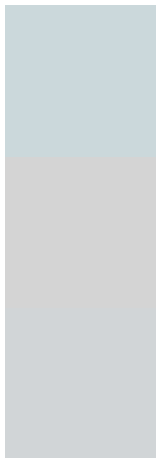
Deuteranomaly

66.6326, 0.3140, 0.3180

Tritanomaly

66.9843, 0.2970, 0.3155

Monochromacy



Original Color

66.9227, 0.3015, 0.3256

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.0501, 0.3084, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9227, 0.3015, 0.3256 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(203, 216, 219)` looks like.

```
.text, #text, p{  
    color:rgb(203, 216, 219)  
}
```

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(203, 216, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 216, 219) }
```

Border

The CSS property to change the border of an element to Yxy 66.9227, 0.3015, 0.3256 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(203, 216, 219) }
```

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

```
.border{ border-color:rgb(203, 216, 219) }
```

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

Here you see how a box with a 4 pixel rgb(203, 216, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 216, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 216, 219);  
box-shadow:4px 4px 4px 4px rgb(203, 216,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9227, 0.3015, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 216, 219) }
```

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

```
.background{ background-color: rgb(203,  
216, 219) }
```

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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