

Converting Colors

$Y_{xy}(67.1140, 0.2975, 0.3250)$

Have a look what the booklet for
Yxy(67.1140, 0.2975, 0.3250)
contains.

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Color

Yxy(66.9883, 0.2974, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	C7D9DD
RGB	199, 217, 221
RGB Percent	78%, 85%, 87%
CMY	0.2197, 0.1490, 0.1333
CMYK	0.10, 0.02, 0.00, 0.13
HSL	191°, 24%, 82%
HSV	191°, 10%, 87%
XYZ	61.4128, 66.9883, 78.0980
YIQ	212.0740, -12.0120, -2.5720

Conversions

Conversions Part 2

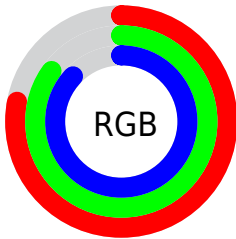
Format	Color
R_{YB}	199, 209, 221
Decimal	13097437
CIE Lab	85.50, -5.23, -4.03
CIE LCh	85, 6.606, 217.616
Yxy	66.9883, 0.2974, 0.3244
Android (android.graphics.Color)	4291287517 (0xFFC7D9DD)
YUV	212.0740, 4.4005, -11.4659
Hunter-Lab	81.8464, -9.2950, 0.7179

Details

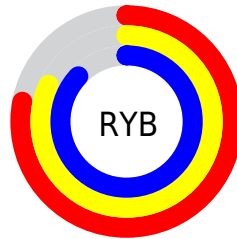
The Yxy color **66.9883, 0.2974, 0.3244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.1920, 0.3297, 0.3336**, and the grayscale version is **65.8658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.6136, 0.2937, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **62.1459, 0.2824, 0.3193**, and if you desaturate by 10%, it is **72.3254, 0.3128, 0.3290**.

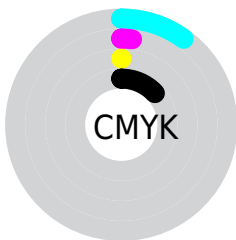
Distribution



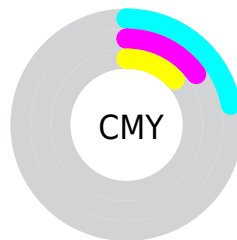
- Red (78%)
- Green (85%)
- Blue (87%)



- Red (78%)
- Yellow (82%)
- Blue (87%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.9883, 0.2974, 0.3244 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 66.9883, 0.2974, 0.3244 by changing the saturation by 10% instead.

■ 66.9883, 0.2974,
0.3244

■ 66.9883, 0.2974,
0.3244

449.9031, 0.3046,
0.3266

■ 49.0751, 0.2957,
0.3239

114.9036, 0.2999,
0.3252

■ 34.6791, 0.2937,
0.3232

145.6746, 0.3009,
0.3255

■ 23.4158, 0.2911,
0.3224

181.5003, 0.3017,
0.3257

■ 14.9008, 0.2876,
0.3212

222.7650, 0.3024,
0.3260

■ 8.7498, 0.2828,
0.3196

269.8533, 0.3031,
0.3262

■ 4.5783, 0.2758,
0.3172

323.1495, 0.3036,

■ 2.0021, 0.2644,

0.3263

0.3130

383.0380, 0.3041,
0.3265

0.6087, 0.2249,
0.3037

0.0000, 0.0000,
0.0000

66.9883, 0.2974,
0.3244

66.9883, 0.2974,
0.3244

62.1459, 0.2824,
0.3193

72.3254, 0.3128,
0.3290

57.7705, 0.2680,
0.3139

78.1668, 0.3282,
0.3332

53.8444, 0.2546,
0.3080

82.5300, 0.3362,
0.3371

50.3454, 0.2425,
0.3019

84.7712, 0.3357,
0.3410

■ 47.2491, 0.2319,
0.2955

■ 87.0638, 0.3351,
0.3449

■ 44.5285, 0.2232,
0.2889

■ 89.4081, 0.3346,
0.3488

■ 42.1527, 0.2163,
0.2824

■ 91.8046, 0.3340,
0.3527

■ 40.0852, 0.2114,
0.2758

■ 94.2534, 0.3335,
0.3565

■ 38.2618, 0.2082,
0.2693

■ 96.7550, 0.3330,
0.3603

Harmonies

Analogous

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



66.9883, 0.3014, 0.3318



66.9883, 0.2974, 0.3244



66.9883, 0.2974, 0.3184

Triad

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



66.9883, 0.2974, 0.3244



66.9883, 0.3168, 0.3198



66.9883, 0.3240, 0.3429

Complementary

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



66.9883, 0.2974, 0.3244



62.1920, 0.3297, 0.3336

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.



66.9883, 0.3283, 0.3395



66.9883, 0.2974, 0.3244



66.9883, 0.3241, 0.3261

Square

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



66.9883, 0.2974, 0.3244



66.9883, 0.3085, 0.3158



66.9883, 0.3283, 0.3333



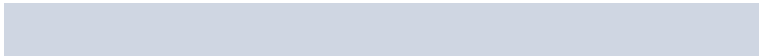
66.9883, 0.3168, 0.3426

Rectangle

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



66.9883, 0.2974, 0.3244



66.9883, 0.2997, 0.3159



66.9883, 0.3283, 0.3333



66.9883, 0.3258, 0.3422

Sweetspot

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



66.9911, 0.2974, 0.3244



97.6969, 0.3080, 0.3277



68.1470, 0.3091, 0.3503



20.7817, 0.3068, 0.3273



0.0000, 0.0000, 0.0000



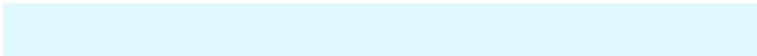
21.4041, 0.3127, 0.3290

Same Dimension

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



66.9911, 0.2974, 0.3244



91.1657, 0.2942, 0.3234



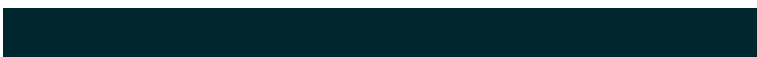
61.6569, 0.2973, 0.3120



14.4075, 0.2982, 0.3247



22.3760, 0.2084, 0.2703



1.5564, 0.2114, 0.2809

Inverse Universe

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



61.2204, 0.3168, 0.3090



81.6547, 0.3177, 0.3046



67.4156, 0.3284, 0.3454



13.2323, 0.3165, 0.3101



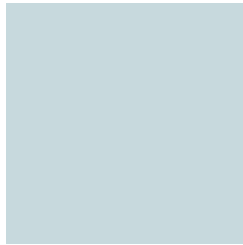
10.8826, 0.3725, 0.1826



0.7158, 0.3626, 0.1771

Previews

White Background



This preview shows how the Yxy color 66.9883, 0.2974, 0.3244 looks on a white background.

Color Contrast Check

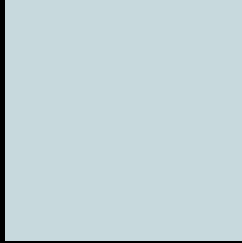
Large Text (above 18pt) WCAG AA × Fail

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 66.9883, 0.2974, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

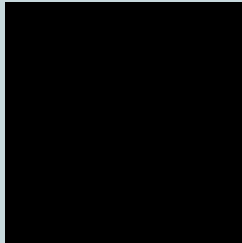
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

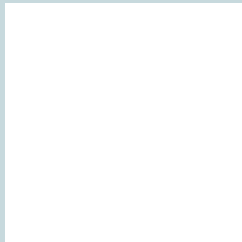
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.9883, 0.2974, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 66.9883, 0.2974, 0.3244.

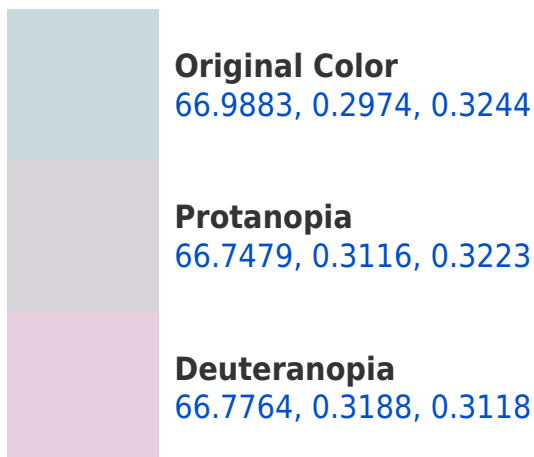


This preview shows how white text looks on a background with the Yxy color 66.9883, 0.2974, 0.3244.

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

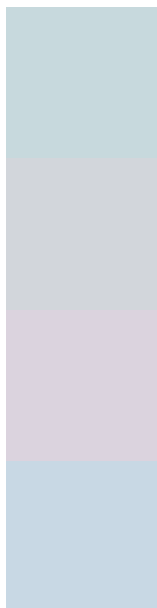




Tritanopia

66.8446, 0.2918, 0.3099

Trichromacy



Original Color

66.9883, 0.2974, 0.3244

Protanomaly

66.9092, 0.3065, 0.3234

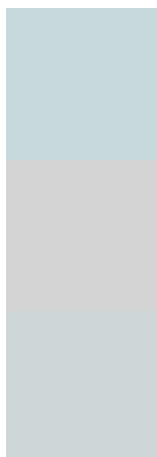
Deuteranomaly

66.9225, 0.3111, 0.3169

Tritanomaly

66.9925, 0.2937, 0.3154

Monochromacy



Original Color

66.9883, 0.2974, 0.3244

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.2648, 0.3070, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9883, 0.2974, 0.3244 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(199, 217, 221)` looks like.

```
.text, #text, p{  
    color:rgb(199, 217, 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(199, 217, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 217, 221) }
```

Border

The CSS property to change the border of an element to Yxy 66.9883, 0.2974, 0.3244 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(199, 217, 221) }
```

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

```
.border{ border-color:rgb(199, 217, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 217, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 217, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 217, 221);  
box-shadow:4px 4px 4px 4px rgb(199, 217,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9883, 0.2974, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 217, 221) }
```

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

```
.background{ background-color: rgb(199,  
217, 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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