

Converting Colors

Yxy(69.2482, 0.2984, 0.3231)

Have a look what the booklet for
Yxy(69.2482, 0.2984, 0.3231)
contains.

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Color

Yxy(69.4600, 0.2983, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	CCDCE1
RGB	204, 220, 225
RGB Percent	80%, 86%, 88%
CMY	0.2003, 0.1372, 0.1177
CMYK	0.09, 0.02, 0.00, 0.12
HSL	194°, 26%, 84%
HSV	194°, 9%, 88%
XYZ	64.0690, 69.4600, 81.2514
YIQ	215.7860, -11.1410, -1.8370

Conversions

Conversions Part 2

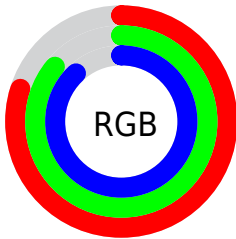
Format	Color
RYB	204, 213, 225
Decimal	13425889
CIELab	86.73, -4.40, -4.28
CIELCh	87, 6.144, 224.203
Yxy	69.4600, 0.2983, 0.3234
Android (android.graphics.Color)	4291615969 (0xFFCCDCE1)
YUV	215.7860, 4.5425, -10.3363
Hunter-Lab	83.3427, -8.6292, 0.5376

Details

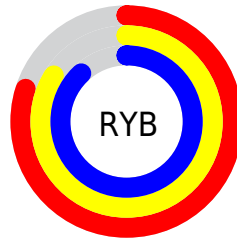
The Yxy color **69.4600, 0.2983, 0.3234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9067, 0.3285, 0.3345**, and the grayscale version is **68.4842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2966, 0.2949, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **63.7742, 0.2831, 0.3168**, and if you desaturate by 10%, it is **75.6989, 0.3137, 0.3294**.

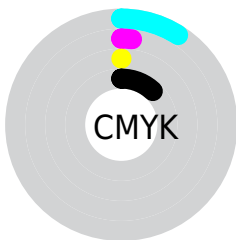
Distribution



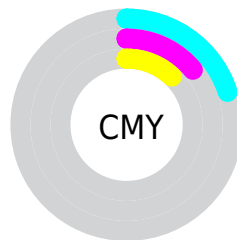
- Red (80%)
- Green (86%)
- Blue (88%)



- Red (80%)
- Yellow (84%)
- Blue (88%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.4600, 0.2983, 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 69.4600, 0.2983, 0.3234 by changing the saturation by 10% instead.

■ 69.4600, 0.2983,
0.3234

■ 69.4600, 0.2983,
0.3234

458.6517, 0.3050,
0.3261

■ 51.0864, 0.2968,
0.3228

118.4384, 0.3006,
0.3243

■ 36.2774, 0.2948,
0.3220

149.8119, 0.3015,
0.3247

■ 24.6485, 0.2924,
0.3210

186.2876, 0.3023,
0.3250

■ 15.8154, 0.2892,
0.3197

228.2498, 0.3030,
0.3253

■ 9.3936, 0.2849,
0.3178

276.0829, 0.3036,
0.3255

■ 4.9988, 0.2785,
0.3151

330.1714, 0.3041,

■ 2.2466, 0.2684,

0.3257

0.3105

390.8995, 0.3046,
0.3259

0.7452, 0.2438,
0.3024

0.0000, 0.0000,
0.0000

69.4600, 0.2983,
0.3234

69.4600, 0.2983,
0.3234

63.7742, 0.2831,
0.3168

75.6989, 0.3137,
0.3294

58.6124, 0.2683,
0.3097

82.5014, 0.3290,
0.3347

53.9555, 0.2544,
0.3020

86.6392, 0.3327,
0.3399

49.7802, 0.2415,
0.2939

89.7336, 0.3320,
0.3450

■ 46.0606, 0.2302,
0.2855

■ 92.9194, 0.3314,
0.3501

■ 42.7683, 0.2205,
0.2768

■ 96.1971, 0.3307,
0.3552

■ 39.8706, 0.2128,
0.2680

■ 98.2153, 0.3304,
0.3582

■ 37.3294, 0.2070,
0.2592

■ 35.0831, 0.2030,
0.2506

Harmonies

Analogous

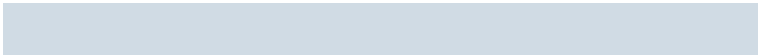
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.4600, 0.3012, 0.3301



69.4600, 0.2983, 0.3234



69.4600, 0.2992, 0.3183

Triad

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



69.4600, 0.2983, 0.3234



69.4600, 0.3181, 0.3216



69.4600, 0.3218, 0.3421

Complementary

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



69.4600, 0.2983, 0.3234



65.9067, 0.3285, 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.



69.4600, 0.3264, 0.3396



69.4600, 0.2983, 0.3234



69.4600, 0.3243, 0.3278

Square

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



69.4600, 0.2983, 0.3234



69.4600, 0.3105, 0.3174



69.4600, 0.3274, 0.3344



69.4600, 0.3148, 0.3410

Rectangle

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



69.4600, 0.2983, 0.3234



69.4600, 0.3018, 0.3165



69.4600, 0.3274, 0.3344



69.4600, 0.3237, 0.3416

Sweetspot

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



69.4629, 0.2983, 0.3234



97.4340, 0.3081, 0.3273



71.2645, 0.3084, 0.3473



20.7106, 0.3068, 0.3268



0.0000, 0.0000, 0.0000



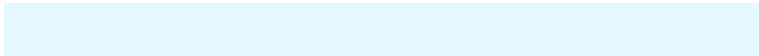
21.4041, 0.3127, 0.3290

Same Dimension

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



69.4629, 0.2983, 0.3234



90.9210, 0.2957, 0.3223



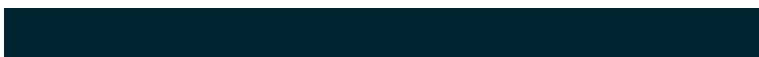
64.1312, 0.2982, 0.3115



14.9966, 0.2982, 0.3234



20.3273, 0.2032, 0.2514



1.5429, 0.2069, 0.2647

Inverse Universe

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



64.3260, 0.3173, 0.3114



82.9727, 0.3182, 0.3081



71.2170, 0.3272, 0.3459



13.8775, 0.3174, 0.3113



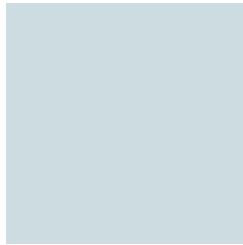
10.9601, 0.3909, 0.1927



0.7732, 0.3778, 0.1855

Previews

White Background



This preview shows how the Yxy color 69.4600, 0.2983, 0.3234 looks on a white background.

Color Contrast Check

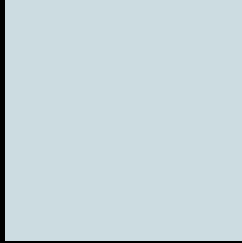
Large Text (above 18pt) WCAG AA × Fail

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 69.4600, 0.2983, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

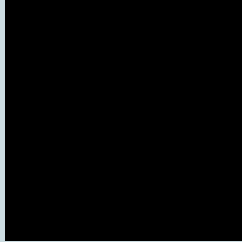
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

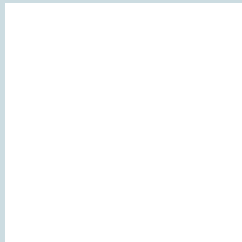
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.4600, 0.2983, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 69.4600, 0.2983, 0.3234.



This preview shows how white text looks on a background with the Yxy color 69.4600, 0.2983, 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

69.4600, 0.2983, 0.3234

Protanopia

69.4457, 0.3109, 0.3224

Deuteranopia

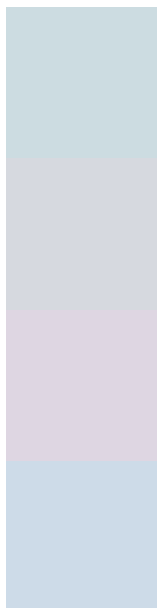
68.9629, 0.3180, 0.3110



Tritanopia

69.3207, 0.2928, 0.3091

Trichromacy



Original Color

69.4600, 0.2983, 0.3234

Protanomaly

69.2496, 0.3066, 0.3224

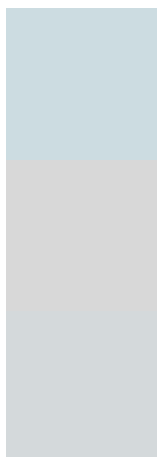
Deuteranomaly

69.1137, 0.3104, 0.3160

Tritanomaly

69.4684, 0.2946, 0.3145

Monochromacy



Original Color

69.4600, 0.2983, 0.3234

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.7372, 0.3078, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4600, 0.2983, 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(204, 220, 225) looks like.

```
.text, #text, p{  
    color:rgb(204, 220, 225)  
}
```

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(204, 220, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 220, 225) }
```

Border

The CSS property to change the border of an element to Yxy 69.4600, 0.2983, 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(204, 220, 225) }
```

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

```
.border{ border-color:rgb(204, 220, 225) }
```

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

Here you see how a box with a 4 pixel rgb(204, 220, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 220, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 220, 225);  
box-shadow:4px 4px 4px 4px rgb(204, 220,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4600, 0.2983, 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(204, 220, 225) }
```

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

```
.background{ background-color: rgb(204,  
220, 225) }
```

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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