

Converting Colors

$Y_{xy}(65.4700, 0.2981, 0.3224)$

Have a look what the booklet for
Yxy(65.4700, 0.2981, 0.3224)
contains.

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Color

Yxy(65.4026, 0.2980, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	C7D6DC
RGB	199, 214, 220
RGB Percent	78%, 84%, 86%
CMY	0.2198, 0.1607, 0.1373
CMYK	0.10, 0.03, 0.00, 0.14
HSL	197°, 23%, 82%
HSV	197°, 10%, 86%
XYZ	60.5091, 65.4026, 77.1389
YIQ	210.1990, -10.8660, -1.3140

Conversions

Conversions Part 2

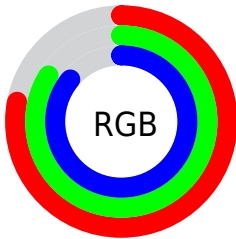
Format	Color
R _Y B	199, 208, 220
Decimal	13096668
CIE Lab	84.69, -3.88, -4.69
CIE LCh	85, 6.088, 230.358
Yxy	65.4026, 0.2980, 0.3221
Android (android.graphics.Color)	4291286748 (0xFFC7D6DC)
YUV	210.1990, 4.8319, -9.8215
Hunter-Lab	80.8719, -7.9704, 0.0571

Details

The Yxy color **65.4026, 0.2980, 0.3221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.9687, 0.3287, 0.3358**, and the grayscale version is **64.5567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.5326, 0.2944, 0.3198** is the 20% darker color. If you saturate the color by 10%, you get **59.5072, 0.2827, 0.3142**, and if you desaturate by 10%, it is **71.8599, 0.3134, 0.3293**.

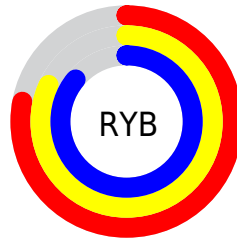
Distribution



Red (78%)

Green (84%)

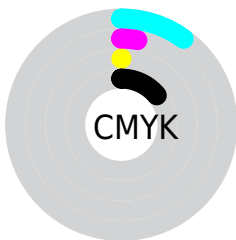
Blue (86%)



Red (78%)

Yellow (82%)

Blue (86%)

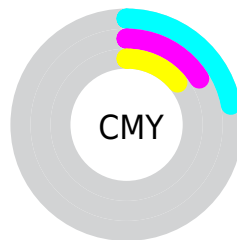


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (14%)



Cyan (22%)

Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.4026, 0.2980, 0.3221 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 65.4026, 0.2980, 0.3221 by changing the saturation by 10% instead.

■ 65.4026, 0.2980,
0.3221

■ 65.4026, 0.2980,
0.3221

444.2373, 0.3049,
0.3254

■ 47.7876, 0.2964,
0.3213

112.6285, 0.3004,
0.3233

■ 33.6587, 0.2944,
0.3203

143.0081, 0.3014,
0.3237

■ 22.6315, 0.2918,
0.3191

178.4115, 0.3022,
0.3241

■ 14.3217, 0.2884,
0.3174

219.2229, 0.3029,
0.3244

■ 8.3447, 0.2837,
0.3150

265.8268, 0.3035,
0.3247

■ 4.3163, 0.2768,
0.3115

318.6076, 0.3040,

■ 1.8520, 0.2655,

0.3250

377.9496, 0.3045,
0.3252

0.3055

0.5193, 0.2202,
0.2867

0.0000, 0.0000,
0.0000

65.4026, 0.2980,
0.3221

65.4026, 0.2980,
0.3221

59.5072, 0.2827,
0.3142

71.8599, 0.3134,
0.3293

54.1456, 0.2676,
0.3055

78.8896, 0.3286,
0.3358

49.2992, 0.2533,
0.2962

84.5743, 0.3364,
0.3418

44.9450, 0.2399,
0.2863

88.1719, 0.3355,
0.3479

■ 41.0580, 0.2279,
0.2759

■ 91.8960, 0.3346,
0.3539

■ 37.6106, 0.2176,
0.2652

■ 95.7480, 0.3338,
0.3599

■ 34.5713, 0.2092,
0.2544

■ 97.9469, 0.3334,
0.3631

■ 31.9031, 0.2028,
0.2437

■ 29.5447, 0.1982,
0.2331

Harmonies

Analogous

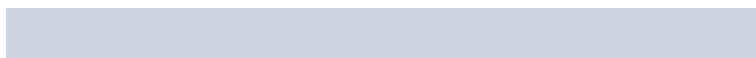
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.4026, 0.3002, 0.3287



65.4026, 0.2980, 0.3221



65.4026, 0.2997, 0.3175

Triad

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



65.4026, 0.2980, 0.3221



65.4026, 0.3196, 0.3227



65.4026, 0.3206, 0.3423

Complementary

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



65.4026, 0.2980, 0.3221



62.9687, 0.3287, 0.3358

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.



65.4026, 0.3259, 0.3405



65.4026, 0.2980, 0.3221



65.4026, 0.3254, 0.3292

Square

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



65.4026, 0.2980, 0.3221



65.4026, 0.3121, 0.3179



65.4026, 0.3277, 0.3357



65.4026, 0.3132, 0.3404

Rectangle

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



65.4026, 0.2980, 0.3221



65.4026, 0.3028, 0.3161



65.4026, 0.3277, 0.3357



65.4026, 0.3227, 0.3421

Sweetspot

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



65.4053, 0.2980, 0.3221



97.1988, 0.3081, 0.3269



67.7233, 0.3077, 0.3465



20.6469, 0.3068, 0.3263



0.0000, 0.0000, 0.0000



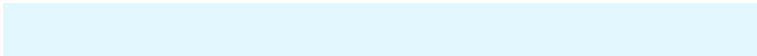
21.4041, 0.3127, 0.3290

Same Dimension

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



65.4053, 0.2980, 0.3221



90.0826, 0.2956, 0.3209



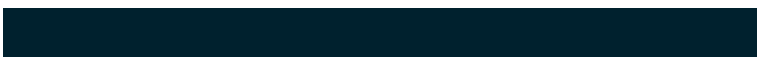
60.2606, 0.2979, 0.3099



14.1717, 0.2982, 0.3222



17.4806, 0.1984, 0.2343



1.2763, 0.2032, 0.2515

Inverse Universe

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



60.8993, 0.3182, 0.3122



82.8881, 0.3191, 0.3094



68.1594, 0.3274, 0.3475



13.2085, 0.3181, 0.3124



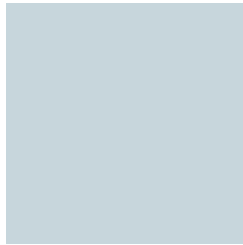
10.3884, 0.4082, 0.2022



0.6875, 0.3907, 0.1926

Previews

White Background



This preview shows how the Yxy color 65.4026, 0.2980, 0.3221 looks on a white background.

Color Contrast Check

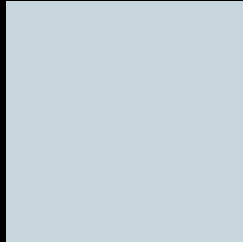
Large Text (above 18pt) WCAG AA × Fail

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 65.4026, 0.2980, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

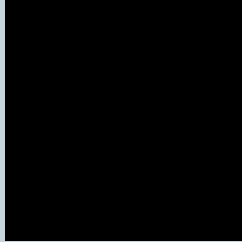
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

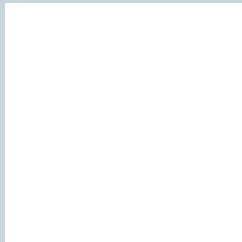
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.4026, 0.2980, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 65.4026, 0.2980, 0.3221.

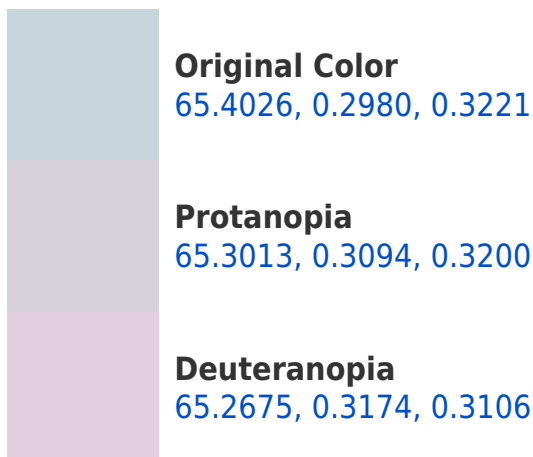


This preview shows how white text looks on a background with the Yxy color 65.4026, 0.2980, 0.3221.

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

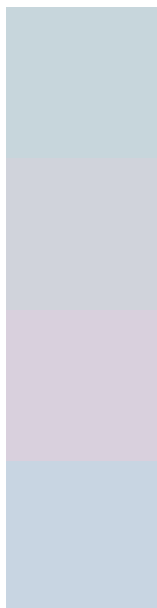




Tritanopia

65.6631, 0.2936, 0.3109

Trichromacy



Original Color

65.4026, 0.2980, 0.3221

Protanomaly

65.1129, 0.3051, 0.3199

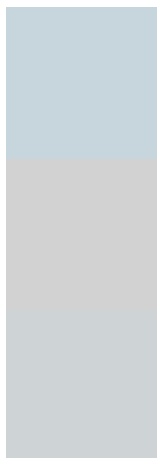
Deuteranomaly

65.0839, 0.3104, 0.3146

Tritanomaly

65.3588, 0.2949, 0.3142

Monochromacy



Original Color

65.4026, 0.2980, 0.3221

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.5654, 0.3070, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4026, 0.2980, 0.3221 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, 214, 220)` looks like.

```
.text, #text, p{  
    color:rgb(199, 214, 220)  
}
```

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, 214, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 214, 220) }
```

Border

The CSS property to change the border of an element to Yxy 65.4026, 0.2980, 0.3221 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, 214, 220) }
```

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

```
.border{ border-color:rgb(199, 214, 220) }
```

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

Here you see how a box with a 4 pixel rgb(199, 214, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 214, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 214, 220);  
box-shadow:4px 4px 4px 4px rgb(199, 214,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4026, 0.2980, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 214, 220) }
```

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

```
.background{ background-color: rgb(199,  
214, 220) }
```

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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