

Converting Colors

Yxy(57.0860, 0.2909, 0.3144)

Have a look what the booklet for
Yxy(57.0860, 0.2909, 0.3144)
contains.

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Color

Yxy(57.2864, 0.2910, 0.3144)

Conversions

Conversions Part 1	
Format	Color
Hex	B8CAD6
RGB	184, 202, 214
RGB Percent	72%, 79%, 84%
CMY	0.2785, 0.2078, 0.1607
CMYK	0.14, 0.06, 0.00, 0.16
HSL	204°, 27%, 78%
HSV	204°, 14%, 84%
XYZ	53.0227, 57.2864, 71.8995
YIQ	197.9860, -14.5800, -0.0840

Conversions

Conversions Part 2

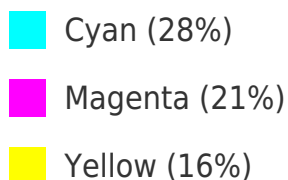
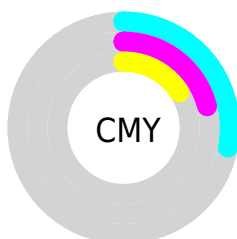
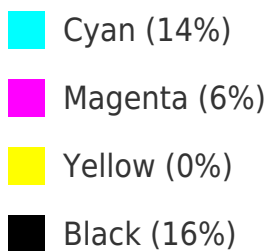
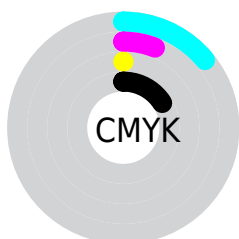
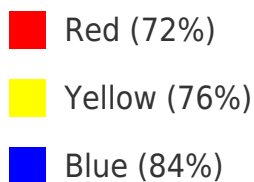
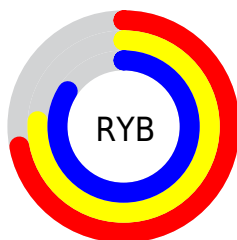
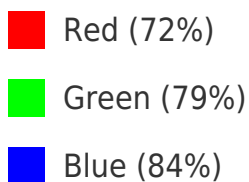
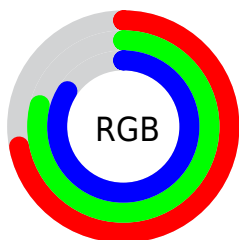
Format	Color
RYB	184, 195, 214
Decimal	12110550
CIELab	80.34, -3.66, -8.06
CIELCh	80, 8.849, 245.582
Yxy	57.2864, 0.2910, 0.3144
Android (android.graphics.Color)	4290300630 (0xFFB8CAD6)
YUV	197.9860, 7.8949, -12.2657
Hunter-Lab	75.6878, -7.4063, -3.3410

Details

The Yxy color `57.2864, 0.2910, 0.3144` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `57.2360, 0.3365, 0.3432`, and the grayscale version is `56.4201, 0.3127, 0.3290`.

A 20% lighter version of the original color is `97.2653, 0.3035, 0.3290`, and `28.5083, 0.2860, 0.3111` is the 20% darker color. If you saturate the color by 10%, you get `50.9370, 0.2753, 0.3027`, and if you desaturate by 10%, it is `64.2632, 0.3065, 0.3250`.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2864, 0.2910, 0.3144 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 57.2864, 0.2910, 0.3144 by changing the saturation by 10% instead.

 57.2864, 0.2910,
0.3144

 57.2864, 0.2910,
0.3144


414.5216, 0.3014,
0.3215

 41.2352, 0.2885,
0.3127

 100.8830, 0.2947,
0.3169

 28.5029, 0.2854,
0.3105

129.1971, 0.2961,
0.3179

 18.7051, 0.2814,
0.3077


162.3678, 0.2973,
0.3187

 11.4574, 0.2760,
0.3039

200.7793, 0.2984,
0.3194

 6.3754, 0.2683,
0.2983

244.8160, 0.2993,
0.3201

 3.0746, 0.2566,
0.2898

294.8624, 0.3001,

 1.1708, 0.2368,

0.3206

0.2748

351.3028, 0.3008,
0.3211

0.0377, 0.0000,
0.0587

0.0000, 0.0000,
0.0000

57.2864, 0.2910,
0.3144

57.2864, 0.2910,
0.3144

50.9370, 0.2753,
0.3027

64.2632, 0.3065,
0.3250

45.1863, 0.2597,
0.2899

71.8806, 0.3217,
0.3345

40.0139, 0.2445,
0.2761

80.1601, 0.3362,
0.3430

35.3951, 0.2303,
0.2614

86.2485, 0.3398,
0.3512

■ 31.3028, 0.2173,
0.2462

■ 91.3026, 0.3385,
0.3594

■ 27.7071, 0.2061,
0.2306

■ 96.5962, 0.3372,
0.3675

■ 24.5741, 0.1969,
0.2151

■ 97.6365, 0.3369,
0.3690

■ 21.8630, 0.1898,
0.1999

■ 20.4099, 0.1864,
0.1910

Harmonies

Analogous

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



57.2864, 0.2914, 0.3231



57.2864, 0.2910, 0.3144



57.2864, 0.2963, 0.3098

Triad

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



57.2864, 0.2910, 0.3144



57.2864, 0.3282, 0.3242



57.2864, 0.3191, 0.3486

Complementary

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



57.2864, 0.2910, 0.3144



57.2360, 0.3365, 0.3432

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.



57.2864, 0.3292, 0.3485



57.2864, 0.2910, 0.3144



57.2864, 0.3345, 0.3343

Square

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



57.2864, 0.2910, 0.3144



57.2864, 0.3177, 0.3155



57.2864, 0.3349, 0.3432



57.2864, 0.3075, 0.3431

Rectangle

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



57.2864, 0.2910, 0.3144



57.2864, 0.3024, 0.3096



57.2864, 0.3349, 0.3432



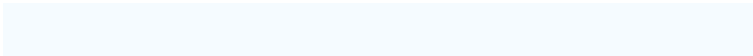
57.2864, 0.3228, 0.3492

Sweetspot

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



57.2888, 0.2910, 0.3144



95.5416, 0.3065, 0.3250



62.2571, 0.3034, 0.3516



20.2741, 0.3054, 0.3243



0.0000, 0.0000, 0.0000



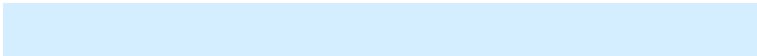
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2888, 0.2910, 0.3144



82.1190, 0.2861, 0.3109



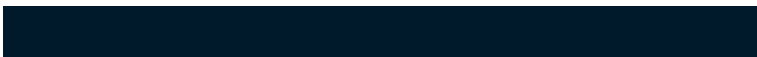
50.7874, 0.2904, 0.2963



13.2358, 0.2982, 0.3195



12.5414, 0.1870, 0.1932



0.9164, 0.1942, 0.2191

Inverse Universe

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



52.8345, 0.3238, 0.3080



74.3255, 0.3266, 0.3032



64.1115, 0.3342, 0.3597



12.5447, 0.3198, 0.3151



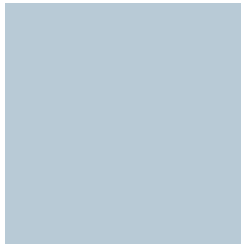
9.6109, 0.4531, 0.2269



0.5958, 0.4242, 0.2110

Previews

White Background



This preview shows how the Yxy color 57.2864, 0.2910, 0.3144 looks on a white background.

Color Contrast Check

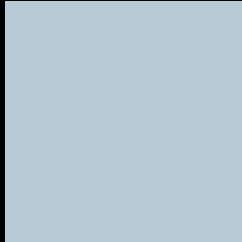
Large Text (above 18pt) WCAG AA × Fail

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 57.2864, 0.2910, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

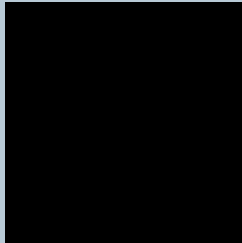
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

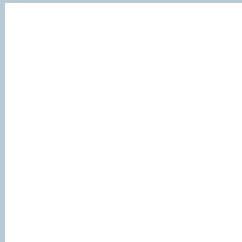
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2864, 0.2910, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 57.2864, 0.2910, 0.3144.

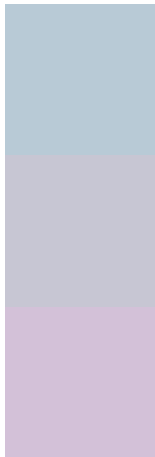


This preview shows how white text looks on a background with the Yxy color 57.2864, 0.2910, 0.3144.

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

57.2864, 0.2910, 0.3144

Protanopia

57.2334, 0.3042, 0.3136

Deuteranopia

56.9467, 0.3100, 0.3027



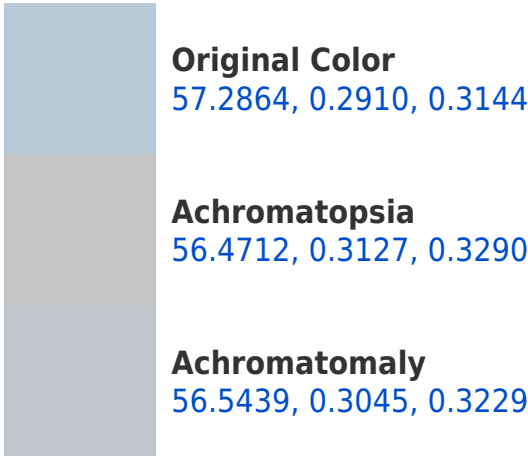
Tritanopia

57.0973, 0.2897, 0.3097

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2864, 0.2910, 0.3144 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(184, 202, 214) looks like.

```
.text, #text, p{  
    color:rgb(184, 202, 214)  
}
```

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(184, 202, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 202, 214) }
```

Border

The CSS property to change the border of an element to Yxy 57.2864, 0.2910, 0.3144 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(184, 202, 214) }
```

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

```
.border{ border-color:rgb(184, 202, 214) }
```

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

Here you see how a box with a 4 pixel rgb(184, 202, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 202, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 202, 214);  
box-shadow:4px 4px 4px 4px rgb(184, 202,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2864, 0.2910, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 202, 214) }
```

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

```
.background{ background-color: rgb(184,  
202, 214) }
```

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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