

Converting Colors

Yxy(57.4741, 0.2934, 0.3166)

Have a look what the booklet for
Yxy(57.4741, 0.2934, 0.3166)
contains.

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Color

Yxy(57.4336, 0.2938, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	BACAD4
RGB	186, 202, 212
RGB Percent	73%, 79%, 83%
CMY	0.2707, 0.2078, 0.1687
CMYK	0.12, 0.05, 0.00, 0.17
HSL	203°, 23%, 78%
HSV	203°, 12%, 83%
XYZ	53.2471, 57.4336, 70.5551
YIQ	198.3560, -12.7460, -0.2820

Conversions

Conversions Part 2

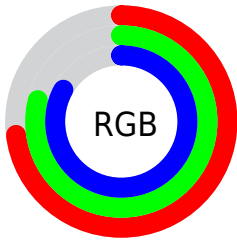
Format	Color
RYB	186, 196, 212
Decimal	12241620
CIELab	80.42, -3.43, -6.82
CIELCh	80, 7.638, 243.285
Yxy	57.4336, 0.2938, 0.3169
Android (android.graphics.Color)	4290431700 (0xFFBACAD4)
YUV	198.3560, 6.7265, -10.8362
Hunter-Lab	75.7850, -7.2083, -2.1489

Details

The Yxy color **57.4336, 0.2938, 0.3169** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9932, 0.3333, 0.3408**, and the grayscale version is **56.6621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **28.6007, 0.2896, 0.3144** is the 20% darker color. If you saturate the color by 10%, you get **51.2617, 0.2782, 0.3059**, and if you desaturate by 10%, it is **64.2049, 0.3093, 0.3269**.

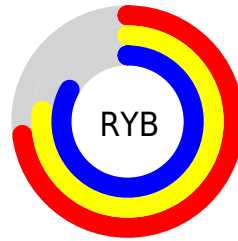
Distribution



Red (73%)

Green (79%)

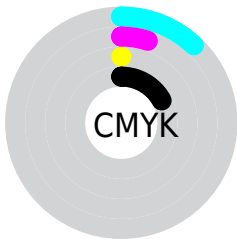
Blue (83%)



Red (73%)

Yellow (77%)

Blue (83%)

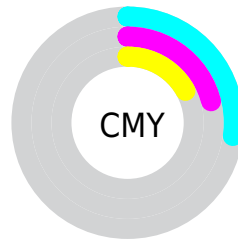


Cyan (12%)

Magenta (5%)

Yellow (0%)

Black (17%)



Cyan (27%)

Magenta (21%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.4336, 0.2938, 0.3169 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 57.4336, 0.2938, 0.3169 by changing the saturation by 10% instead.

■ 57.4336, 0.2938,
0.3169

■ 57.4336, 0.2938,
0.3169

415.0721, 0.3029,
0.3228

■ 41.3535, 0.2916,
0.3155

■ 101.0976, 0.2970,
0.3190

■ 28.5954, 0.2889,
0.3137

129.4502, 0.2983,
0.3198

■ 18.7749, 0.2854,
0.3113

162.6625, 0.2993,
0.3205

■ 11.5078, 0.2807,
0.3082

201.1188, 0.3002,
0.3211

■ 6.4095, 0.2739,
0.3036

245.2035, 0.3010,
0.3216

■ 3.0956, 0.2637,
0.2965

295.3010, 0.3017,

■ 1.1819, 0.2462,

0.3220

0.2839

351.7958, 0.3023,
0.3224

0.0468, 0.0000,
0.0814

0.0000, 0.0000,
0.0000

57.4336, 0.2938,
0.3169

57.4336, 0.2938,
0.3169

51.2617, 0.2782,
0.3059

64.2049, 0.3093,
0.3269

45.6617, 0.2626,
0.2938

71.5877, 0.3243,
0.3358

40.6143, 0.2476,
0.2808

79.6026, 0.3388,
0.3438

36.0962, 0.2333,
0.2669

85.1528, 0.3414,
0.3516

■ 32.0820, 0.2203,
0.2525

■ 89.8998, 0.3401,
0.3594

■ 28.5434, 0.2090,
0.2376

■ 94.8620, 0.3388,
0.3671

■ 25.4487, 0.1997,
0.2228

■ 97.5326, 0.3382,
0.3711

■ 22.7599, 0.1925,
0.2081

■ 20.9120, 0.1881,
0.1970

Harmonies

Analogous

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



57.4336, 0.2945, 0.3246



57.4336, 0.2938, 0.3169



57.4336, 0.2980, 0.3126

Triad

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



57.4336, 0.2938, 0.3169



57.4336, 0.3255, 0.3243



57.4336, 0.3190, 0.3460

Complementary

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



57.4336, 0.2938, 0.3169



56.9932, 0.3333, 0.3408

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.



57.4336, 0.3275, 0.3456



57.4336, 0.2938, 0.3169



57.4336, 0.3313, 0.3329

Square

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



57.4336, 0.2938, 0.3169



57.4336, 0.3163, 0.3169



57.4336, 0.3320, 0.3408



57.4336, 0.3090, 0.3416

Rectangle

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



57.4336, 0.2938, 0.3169



57.4336, 0.3032, 0.3121



57.4336, 0.3320, 0.3408



57.4336, 0.3221, 0.3464

Sweetspot

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



57.4360, 0.2938, 0.3169



95.6472, 0.3065, 0.3252



61.4780, 0.3048, 0.3490



20.3009, 0.3054, 0.3245



0.0000, 0.0000, 0.0000



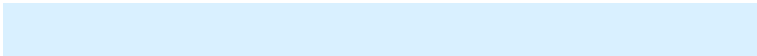
21.4041, 0.3127, 0.3290

Same Dimension

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



57.4360, 0.2938, 0.3169



84.4529, 0.2893, 0.3138



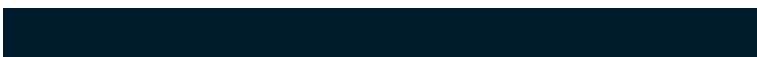
51.7741, 0.2935, 0.3014



13.2711, 0.2982, 0.3198



13.1113, 0.1886, 0.1991



0.9487, 0.1956, 0.2240

Inverse Universe

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



53.3664, 0.3219, 0.3103



77.0683, 0.3243, 0.3057



62.9024, 0.3314, 0.3552



12.5483, 0.3196, 0.3147



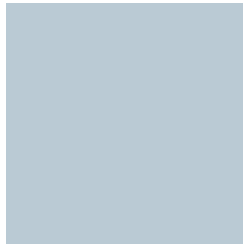
9.6684, 0.4463, 0.2232



0.5991, 0.4190, 0.2082

Previews

White Background



This preview shows how the Yxy color 57.4336, 0.2938, 0.3169 looks on a white background.

Color Contrast Check

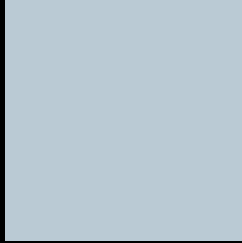
Large Text (above 18pt) WCAG AA × Fail

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 57.4336, 0.2938, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

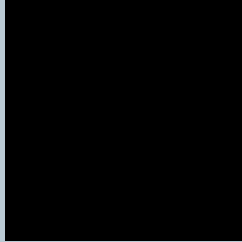
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

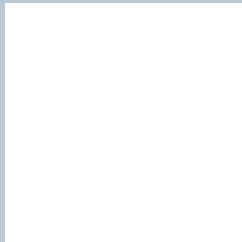
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4336, 0.2938, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 57.4336, 0.2938, 0.3169.



This preview shows how white text looks on a background with the Yxy color 57.4336, 0.2938, 0.3169.

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

57.4336, 0.2938, 0.3169

Protanopia

57.3207, 0.3056, 0.3148

Deuteranopia

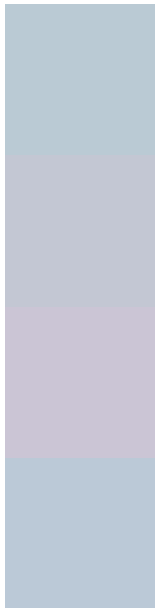
57.4357, 0.3122, 0.3061



Tritanopia

57.3478, 0.2912, 0.3098

Trichromacy



Original Color

57.4336, 0.2938, 0.3169

Protanomaly

57.1521, 0.3011, 0.3147

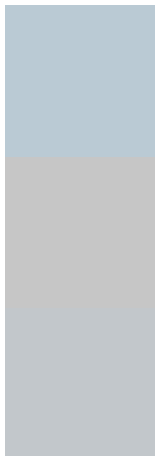
Deuteranomaly

57.4331, 0.3058, 0.3103

Tritanomaly

57.2444, 0.2925, 0.3121

Monochromacy



Original Color

57.4336, 0.2938, 0.3169

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.6280, 0.3060, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4336, 0.2938, 0.3169 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(186, 202, 212)` looks like.

```
.text, #text, p{  
    color:rgb(186, 202, 212)  
}
```

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(186, 202, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 202, 212) }
```

Border

The CSS property to change the border of an element to Yxy 57.4336, 0.2938, 0.3169 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(186, 202, 212) }
```

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

```
.border{ border-color:rgb(186, 202, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 202, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 202, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 202, 212);  
box-shadow:4px 4px 4px 4px rgb(186, 202,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4336, 0.2938, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 202, 212) }
```

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

```
.background{ background-color: rgb(186,  
202, 212) }
```

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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