

Converting Colors

$Yxy(57.3702, 0.2997, 0.3320)$

Have a look what the booklet for
Yxy(57.3702, 0.2997, 0.3320)
contains.

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Color

Yxy(57.5931, 0.2998, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	B8CCC9
RGB	184, 204, 201
RGB Percent	72%, 80%, 79%
CMY	0.2782, 0.2000, 0.2117
CMYK	0.10, 0.00, 0.01, 0.20
HSL	171°, 16%, 76%
HSV	171°, 10%, 80%
XYZ	51.9134, 57.5931, 63.6537
YIQ	197.6780, -10.9570, -5.1730

Conversions

Conversions Part 2

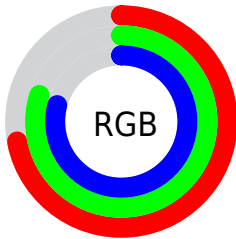
Format	Color
RYB	184, 195, 204
Decimal	12111049
CIELab	80.51, -7.29, -0.83
CIELCh	81, 7.336, 186.507
Yxy	57.5931, 0.2998, 0.3326
Android (android.graphics.Color)	4290301129 (0xFFB8CCC9)
YUV	197.6780, 1.6377, -11.9956
Hunter-Lab	75.8901, -10.7029, 3.3929

Details

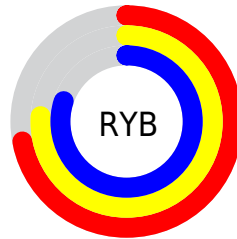
The Yxy color **57.5931, 0.2998, 0.3326** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7259, 0.3273, 0.3254**, and the grayscale version is **56.2678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **28.7446, 0.2966, 0.3339** is the 20% darker color. If you saturate the color by 10%, you get **55.1131, 0.2872, 0.3366**, and if you desaturate by 10%, it is **60.4441, 0.3130, 0.3289**.

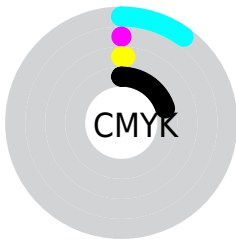
Distribution



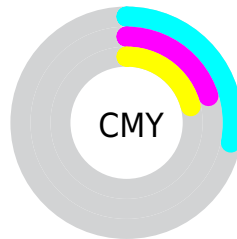
- Red (72%)
- Green (80%)
- Blue (79%)



- Red (72%)
- Yellow (76%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)





- Cyan (28%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5931, 0.2998, 0.3326 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 57.5931, 0.2998, 0.3326 by changing the saturation by 10% instead.

 57.5931, 0.2998,
0.3326

 57.5931, 0.2998,
0.3326

415.6680, 0.3060,
0.3309

 41.4816, 0.2983,
0.3330


 101.3301, 0.3020,
0.3320

 28.6956, 0.2964,
0.3335


129.7244, 0.3029,
0.3318

 18.8507, 0.2940,
0.3342


162.9817, 0.3036,
0.3316

 11.5624, 0.2907,
0.3351

201.4865, 0.3042,
0.3314

 6.4465, 0.2860,
0.3363

245.6231, 0.3047,
0.3312

 3.1184, 0.2788,
0.3382

295.7760, 0.3052,

 1.1939, 0.2663,

0.3311

0.3414

352.3295, 0.3056,
0.3310

0.0567, 0.0000,
0.3211

0.0000, 0.0000,
0.0000

57.5931, 0.2998,
0.3326

57.5931, 0.2998,
0.3326

55.1131, 0.2872,
0.3366

60.4441, 0.3130,
0.3289

52.9813, 0.2755,
0.3410


63.6733, 0.3266,
0.3256


51.1835, 0.2650,
0.3457


67.2969, 0.3403,
0.3226

49.7018, 0.2560,
0.3506


69.2527, 0.3456,
0.3197

 48.5165, 0.2487,
0.3557

 69.4083, 0.3433,
0.3167

 47.6058, 0.2433,
0.3609

 69.5668, 0.3410,
0.3136


 46.9447, 0.2397,
0.3662

 69.7282, 0.3387,
0.3106

 46.5038, 0.2381,
0.3715

 69.8925, 0.3365,
0.3076

 46.2295, 0.2380,
0.3767

 70.0598, 0.3342,
0.3046

Harmonies

Analogous

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



57.5931, 0.3081, 0.3404



57.5931, 0.2998, 0.3326



57.5931, 0.2949, 0.3239

Triad

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



57.5931, 0.2998, 0.3326



57.5931, 0.3075, 0.3135



57.5931, 0.3310, 0.3410

Complementary

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



57.5931, 0.2998, 0.3326



50.7259, 0.3273, 0.3254

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.



57.5931, 0.3308, 0.3337



57.5931, 0.2998, 0.3326



57.5931, 0.3172, 0.3180

Square

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



57.5931, 0.2998, 0.3326



57.5931, 0.2993, 0.3130



57.5931, 0.3257, 0.3253



57.5931, 0.3262, 0.3452

Rectangle

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



57.5931, 0.2998, 0.3326



57.5931, 0.2943, 0.3188



57.5931, 0.3257, 0.3253



57.5931, 0.3315, 0.3388

Sweetspot

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



57.5955, 0.2998, 0.3326



98.5048, 0.3087, 0.3301



57.2135, 0.3138, 0.3538



21.0006, 0.3076, 0.3304



0.0000, 0.0000, 0.0000



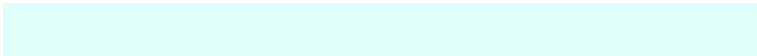
21.4041, 0.3127, 0.3290

Same Dimension

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



57.5955, 0.2998, 0.3326



94.3618, 0.2967, 0.3335



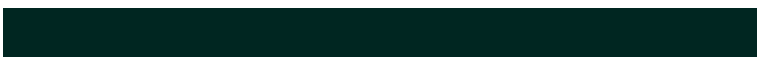
54.4929, 0.2977, 0.3203



12.6973, 0.3003, 0.3325



29.1081, 0.2378, 0.3760



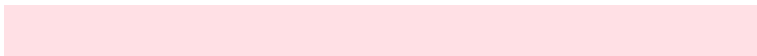
1.5096, 0.2350, 0.3658

Inverse Universe

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



50.7259, 0.3273, 0.3254



80.4408, 0.3314, 0.3245



53.5728, 0.3288, 0.3375



11.2404, 0.3267, 0.3256



8.1486, 0.6182, 0.3179



0.4293, 0.5709, 0.2919

Previews

White Background



This preview shows how the Yxy color 57.5931, 0.2998, 0.3326 looks on a white background.

Color Contrast Check

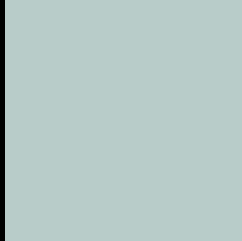
Large Text (above 18pt) WCAG AA × Fail

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 57.5931, 0.2998, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

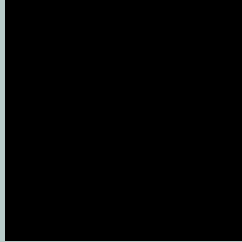
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

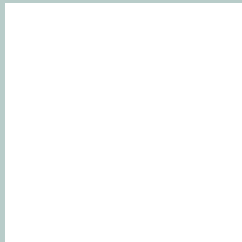
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.5931, 0.2998, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 57.5931, 0.2998, 0.3326.

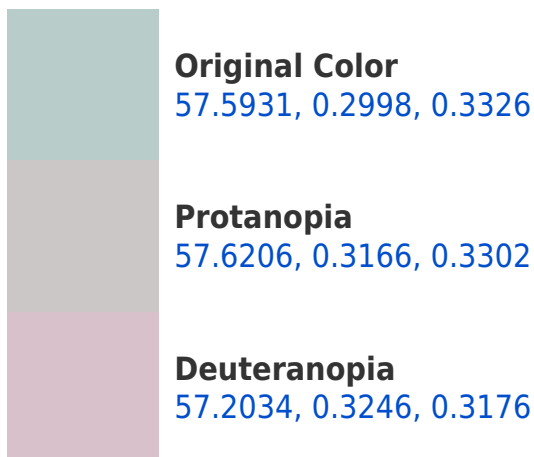


This preview shows how white text looks on a background with the Yxy color 57.5931, 0.2998, 0.3326.

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

57.3478, 0.2912, 0.3098

Trichromacy



Original Color

57.5931, 0.2998, 0.3326

Protanomaly

57.6326, 0.3103, 0.3314

Deuteranomaly

57.1759, 0.3154, 0.3231

Tritanomaly

57.3833, 0.2945, 0.3181

Monochromacy



Original Color

57.5931, 0.2998, 0.3326

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.7695, 0.3080, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5931, 0.2998, 0.3326 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, 204, 201)` looks like.

```
.text, #text, p{  
    color:rgb(184, 204, 201)  
}
```

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, 204, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 204, 201) }
```

Border

The CSS property to change the border of an element to Yxy 57.5931, 0.2998, 0.3326 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, 204, 201) }
```

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

```
.border{ border-color:rgb(184, 204, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 204, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 204, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 204, 201);  
box-shadow:4px 4px 4px 4px rgb(184, 204,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5931, 0.2998, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 204, 201) }
```

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

```
.background{ background-color: rgb(184,  
204, 201) }
```

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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