

Converting Colors

Yxy(57.5963, 0.2988, 0.3314)

Have a look what the booklet for
Yxy(57.5963, 0.2988, 0.3314)
contains.

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Color

Yxy(57.6403, 0.2991, 0.3314)

Conversions

| Conversions Part 1 | |
|--------------------|-----------------------------|
| Format | Color |
| Hex | B8CCCA |
| RGB | 184, 204, 202 |
| RGB Percent | 72%, 80%, 79% |
| CMY | 0.2784, 0.2000, 0.2078 |
| CMYK | 0.10, 0.00, 0.01, 0.20 |
| HSL | 174°, 16%, 76% |
| HSV | 174°, 10%, 80% |
| XYZ | 52.0224, 57.6403, 64.2670 |
| YIQ | 197.7920, -11.2780, -4.8620 |

Conversions

Conversions Part 2

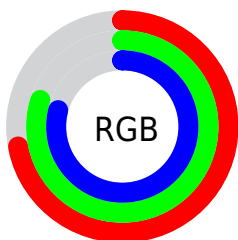
| Format | Color |
|-------------------------------------|--|
| RYB | 184, 195, 204 |
| Decimal | 12111050 |
| CIELab | 80.54, -7.12, -1.32 |
| CIELCh | 81, 7.238, 190.518 |
| Yxy | 57.6403, 0.2991, 0.3314 |
| Android (android.graphics.Color) | 4290301130 (0xFFB8CCCA) |
| YUV | 197.7920, 2.0745, -12.0956 |
| Hunter-Lab | 75.9212, -10.5512, 2.9561 |

Details

The Yxy color `57.6403, 0.2991, 0.3314` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `50.6662, 0.3282, 0.3266`, and the grayscale version is `56.3334, 0.3127, 0.3290`.

A 20% lighter version of the original color is `97.2653, 0.3035, 0.3290`, and `28.7761, 0.2957, 0.3323` is the 20% darker color. If you saturate the color by 10%, you get `55.2067, 0.2859, 0.3341`, and if you desaturate by 10%, it is `60.4434, 0.3130, 0.3290`.

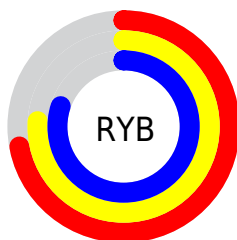
Distribution



Red (72%)

Green (80%)

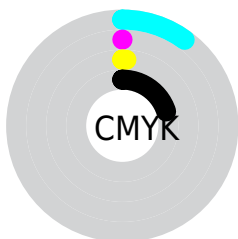
Blue (79%)



Red (72%)

Yellow (76%)

Blue (80%)

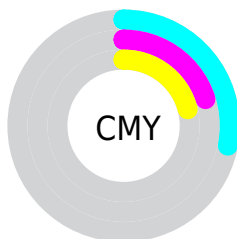


Cyan (10%)

Magenta (0%)

Yellow (1%)

Black (20%)



Cyan (28%)


Magenta (20%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6403, 0.2991, 0.3314 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 57.6403, 0.2991, 0.3314 by changing the saturation by 10% instead.

 57.6403, 0.2991,
0.3314

 57.6403, 0.2991,
0.3314


415.8443, 0.3057,
0.3303

 41.5195, 0.2975,
0.3317


 101.3989, 0.3014,
0.3310

 28.7253, 0.2956,
0.3320


129.8055, 0.3023,
0.3309

 18.8731, 0.2930,
0.3324


163.0761, 0.3031,
0.3307

 11.5786, 0.2896,
0.3330

201.5953, 0.3037,
0.3306

 6.4574, 0.2846,
0.3337

245.7472, 0.3043,
0.3305

 3.1252, 0.2771,
0.3349


295.9165, 0.3048,


 1.1974, 0.2640,


0.3304


352.4874, 0.3053,
0.3303


0.3367


 0.0596, 0.0000,
0.2748


 0.0000, 0.0000,
0.0000


 57.6403, 0.2991,
0.3314


 57.6403, 0.2991,
0.3314


 55.2067, 0.2859,
0.3341


 60.4434, 0.3130,
0.3290


 53.1197, 0.2737,
0.3370


 63.6231, 0.3273,
0.3267


 51.3652, 0.2627,
0.3401


 67.1958, 0.3418,
0.3248


 49.9253, 0.2533,
0.3433


 69.1068, 0.3479,
0.3228

 48.7802, 0.2457,
0.3466


 69.2088, 0.3464,
0.3208


 47.9082, 0.2399,
0.3500


 69.3121, 0.3448,
0.3187

 47.2844, 0.2360,
0.3535

 69.4166, 0.3433,
0.3166

 46.8791, 0.2340,
0.3569

 69.5225, 0.3417,
0.3146

 46.6388, 0.2334,
0.3602

 69.6297, 0.3402,
0.3126

Harmonies

Analogous

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



57.6403, 0.3070, 0.3394



57.6403, 0.2991, 0.3314



57.6403, 0.2949, 0.3229

Triad

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



57.6403, 0.2991, 0.3314



57.6403, 0.3088, 0.3141



57.6403, 0.3304, 0.3416

Complementary

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



57.6403, 0.2991, 0.3314



50.6662, 0.3282, 0.3266

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.



57.6403, 0.3309, 0.3347



57.6403, 0.2991, 0.3314



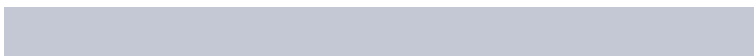
57.6403, 0.3184, 0.3190

Square

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



57.6403, 0.2991, 0.3314



57.6403, 0.3004, 0.3131



57.6403, 0.3265, 0.3265



57.6403, 0.3250, 0.3452

Rectangle

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



57.6403, 0.2991, 0.3314



57.6403, 0.2947, 0.3181



57.6403, 0.3265, 0.3265



57.6403, 0.3311, 0.3396

Sweetspot

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



57.6427, 0.2991, 0.3314



98.5289, 0.3084, 0.3297



57.0876, 0.3131, 0.3539



21.0072, 0.3073, 0.3299



0.0000, 0.0000, 0.0000



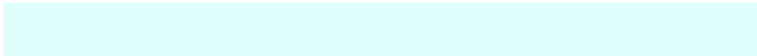
21.4041, 0.3127, 0.3290

Same Dimension

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



57.6427, 0.2991, 0.3314



94.4566, 0.2959, 0.3320



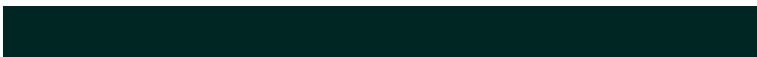
54.0324, 0.2977, 0.3191



12.7070, 0.2997, 0.3313



29.3594, 0.2333, 0.3598



1.5203, 0.2314, 0.3532

Inverse Universe

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



50.6662, 0.3282, 0.3266



80.3573, 0.3324, 0.3260



53.9999, 0.3287, 0.3387



11.2315, 0.3275, 0.3267



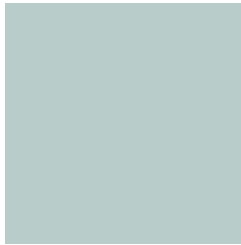
8.1189, 0.6274, 0.3230



0.4252, 0.5915, 0.3032

Previews

White Background



This preview shows how the Yxy color 57.6403, 0.2991, 0.3314 looks on a white background.

Color Contrast Check

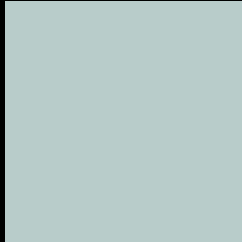
Large Text (above 18pt) WCAG AA × Fail

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 57.6403, 0.2991, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

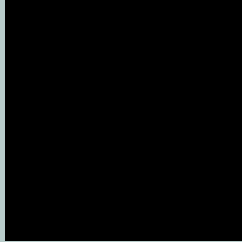
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

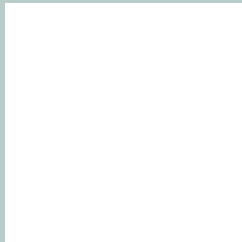
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6403, 0.2991, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 57.6403, 0.2991, 0.3314.

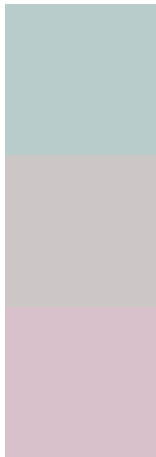


This preview shows how white text looks on a background with the Yxy color 57.6403, 0.2991, 0.3314.

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

57.6403, 0.2991, 0.3314

Protanopia

57.6669, 0.3159, 0.3290

Deuteranopia

57.2513, 0.3238, 0.3164



Tritanopia

57.8678, 0.2906, 0.3098

Trichromacy



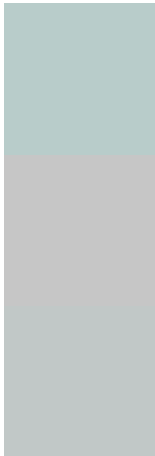
Original Color
57.6403, 0.2991, 0.3314

Protanomaly
57.6792, 0.3096, 0.3302

Deuteranomaly
57.2234, 0.3146, 0.3219

Tritanomaly
57.9044, 0.2938, 0.3181

Monochromacy



Original Color
57.6403, 0.2991, 0.3314

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 57.6403, 0.2991, 0.3314 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, 202) looks like.

```
.text, #text, p{  
    color:rgb(184, 204, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 204, 202) }
```

Border

The CSS property to change the border of an element to Yxy 57.6403, 0.2991, 0.3314 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, 202) }
```

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

```
.border{ border-color:rgb(184, 204, 202) }
```

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, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 204, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 204, 202);  
box-shadow:4px 4px 4px 4px rgb(184, 204,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6403, 0.2991, 0.3314 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, 202) }
```

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

```
.background{ background-color: rgb(184,  
204, 202) }
```

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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