

Converting Colors

$Yxy(57.5633, 0.2945, 0.3446)$

Have a look what the booklet for
Yxy(57.5633, 0.2945, 0.3446)
contains.

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Color

Yxy(57.7098, 0.2945, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	ABD0C3
RGB	171, 208, 195
RGB Percent	67%, 82%, 76%
CMY	0.3293, 0.1843, 0.2354
CMYK	0.18, 0.00, 0.06, 0.18
HSL	159°, 28%, 74%
HSV	159°, 18%, 82%
XYZ	49.2054, 57.7098, 60.1659
YIQ	195.4550, -17.8790, -11.8870

Conversions

Conversions Part 2

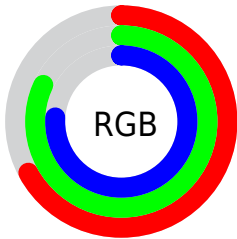
Format	Color
RYB	171, 193, 208
Decimal	11260099
CIELab	80.58, -14.80, 2.39
CIELCh	81, 14.995, 170.818
Yxy	57.7098, 0.2945, 0.3454
Android (android.graphics.Color)	4289450179 (0xFFABD0C3)
YUV	195.4550, -0.2243, -21.4470
Hunter-Lab	75.9670, -17.3241, 6.2192

Details

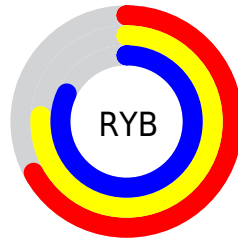
The Yxy color **57.7098, 0.2945, 0.3454** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.0130, 0.3352, 0.3132**, and the grayscale version is **54.8728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8792, 0.2974, 0.3320**, and **28.8858, 0.2898, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **55.2335, 0.2850, 0.3560**, and if you desaturate by 10%, it is **60.5748, 0.3046, 0.3358**.

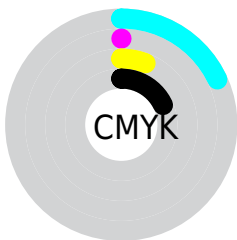
Distribution



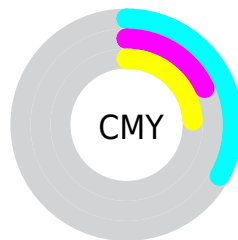
- Red (67%)
- Green (82%)
- Blue (76%)



- Red (67%)
- Yellow (76%)
- Blue (82%)



- Cyan (18%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)




- Cyan (33%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7098, 0.2945, 0.3454 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 57.7098, 0.2945, 0.3454 by changing the saturation by 10% instead.


 57.7098, 0.2945,
0.3454

 57.7098, 0.2945,
0.3454


416.1037, 0.3033,
0.3374

 41.5754, 0.2924,
0.3473


 101.5001, 0.2976,
0.3425

 28.7690, 0.2897,
0.3498


129.9249, 0.2988,
0.3415

 18.9061, 0.2862,
0.3530


163.2151, 0.2999,
0.3405

 11.6025, 0.2815,
0.3574

201.7554, 0.3007,
0.3397

 6.4736, 0.2747,
0.3637

245.9299, 0.3015,
0.3390

 3.1351, 0.2642,
0.3736

296.1233, 0.3022,

 1.2027, 0.2449,

0.3384

0.3919

352.7197, 0.3028,
0.3379

■ 0.0639, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7098, 0.2945,
0.3454

■ 57.7098, 0.2945,
0.3454

■ 55.2335, 0.2850,
0.3560

■ 60.5748, 0.3046,
0.3358

■ 53.1212, 0.2763,
0.3674


■ 63.8373, 0.3151,
0.3272


■ 51.3566, 0.2688,
0.3797

■ 67.5153, 0.3256,
0.3194

■ 49.9193, 0.2629,
0.3926


■ 71.6231, 0.3361,
0.3126

 48.7865, 0.2586,
0.4060


 72.1739, 0.3313,
0.3054

 47.9328, 0.2564,
0.4196


 72.5979, 0.3261,
0.2983

 47.3279, 0.2561,
0.4332

 73.0394, 0.3209,
0.2913

 46.9294, 0.2577,
0.4466

 73.4986, 0.3158,
0.2844

 46.8531, 0.2582,
0.4495

 73.5904, 0.3149,
0.2831

Harmonies

Analogous

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



57.7098, 0.3133, 0.3589



57.7098, 0.2945, 0.3454



57.7098, 0.2808, 0.3274

Triad

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



57.7098, 0.2945, 0.3454



57.7098, 0.2926, 0.2963



57.7098, 0.3515, 0.3456

Complementary

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



57.7098, 0.2945, 0.3454



46.0130, 0.3352, 0.3132

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.



57.7098, 0.3456, 0.3292



57.7098, 0.2945, 0.3454



57.7098, 0.3112, 0.3014

Square

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



57.7098, 0.2945, 0.3454



57.7098, 0.2797, 0.2994



57.7098, 0.3307, 0.3133



57.7098, 0.3465, 0.3584

Rectangle

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



57.7098, 0.2945, 0.3454



57.7098, 0.2762, 0.3157



57.7098, 0.3307, 0.3133



57.7098, 0.3507, 0.3404

Sweetspot

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



57.7122, 0.2945, 0.3454



97.3758, 0.3074, 0.3334



58.3156, 0.3208, 0.3755



20.7663, 0.3067, 0.3340



0.0000, 0.0000, 0.0000



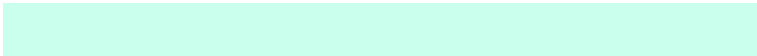
21.4041, 0.3127, 0.3290

Same Dimension

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



57.7122, 0.2945, 0.3454



90.0646, 0.2911, 0.3490



55.9610, 0.2858, 0.3228



13.3335, 0.3029, 0.3373



29.2213, 0.2577, 0.4477



1.6486, 0.2509, 0.4232

Inverse Universe

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



46.0130, 0.3352, 0.3132



68.4268, 0.3406, 0.3099



47.3890, 0.3457, 0.3352



11.8760, 0.3236, 0.3208



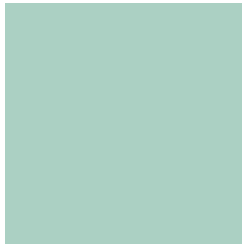
8.6762, 0.5552, 0.2832



0.5000, 0.5039, 0.2549

Previews

White Background



This preview shows how the Yxy color 57.7098, 0.2945, 0.3454 looks on a white background.

Color Contrast Check

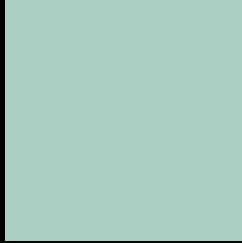
Large Text (above 18pt) WCAG AA × Fail

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 57.7098, 0.2945, 0.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

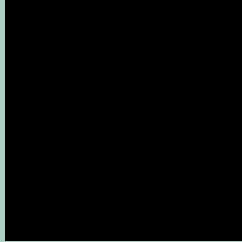
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

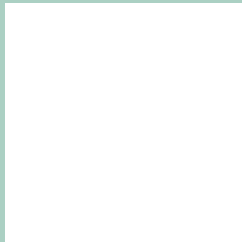
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7098, 0.2945, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 57.7098, 0.2945, 0.3454.

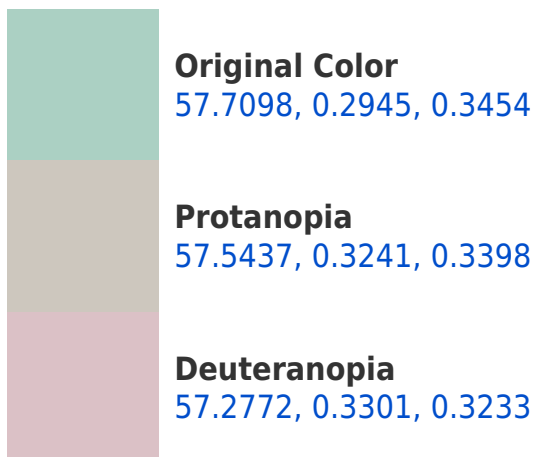


This preview shows how white text looks on a background with the Yxy color 57.7098, 0.2945, 0.3454.

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

57.5831, 0.2817, 0.3095

Trichromacy



Original Color

57.7098, 0.2945, 0.3454

Protanomaly

57.3843, 0.3129, 0.3412

Deuteranomaly

56.9759, 0.3166, 0.3302

Tritanomaly

57.3645, 0.2861, 0.3215

Monochromacy



Original Color

57.7098, 0.2945, 0.3454

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.6878, 0.3055, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7098, 0.2945, 0.3454 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(171, 208, 195)` looks like.

```
.text, #text, p{  
    color:rgb(171, 208, 195)  
}
```

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(171, 208, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 208, 195) }
```

Border

The CSS property to change the border of an element to Yxy 57.7098, 0.2945, 0.3454 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(171, 208, 195) }
```

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

```
.border{ border-color:rgb(171, 208, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 208, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 208, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 208, 195); box-shadow:4px 4px 4px 4px rgb(171, 208, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7098, 0.2945, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 208, 195) }
```

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

```
.background{ background-color: rgb(171,  
208, 195) }
```

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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