

Converting Colors

Yxy(57.4291, 0.2889, 0.3356)

Have a look what the booklet for
Yxy(57.4291, 0.2889, 0.3356)
contains.

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Color

Yxy(57.3249, 0.2885, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	A9CFCA
RGB	169, 207, 202
RGB Percent	66%, 81%, 79%
CMY	0.3372, 0.1882, 0.2078
CMYK	0.18, 0.00, 0.02, 0.19
HSL	172°, 28%, 74%
HSV	172°, 18%, 81%
XYZ	49.3384, 57.3249, 64.3537
YIQ	195.0680, -21.0430, -9.6110

Conversions

Conversions Part 2

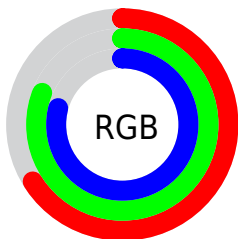
Format	Color
RYB	169, 189, 207
Decimal	11128778
CIELab	80.36, -13.51, -1.70
CIELCh	80, 13.621, 187.173
Yxy	57.3249, 0.2885, 0.3352
Android (android.graphics.Color)	4289318858 (0xFFA9CFCA)
YUV	195.0680, 3.4175, -22.8616
Hunter-Lab	75.7132, -16.1788, 2.6047

Details

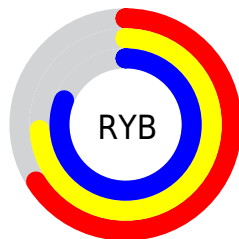
The Yxy color $57.3249, 0.2885, 0.3352$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $44.6998, 0.3436, 0.3229$, and the grayscale version is $54.6070, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.7476, 0.2946, 0.3289$, and $28.6336, 0.2821, 0.3374$ is the 20% darker color. If you saturate the color by 10%, you get $55.0886, 0.2765, 0.3390$, and if you desaturate by 10%, it is $59.9306, 0.3014, 0.3317$.

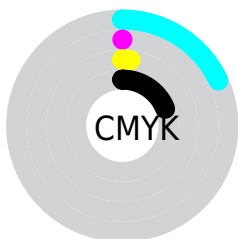
Distribution



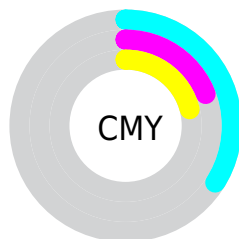
- Red (66%)
- Green (81%)
- Blue (79%)



- Red (66%)
- Yellow (74%)
- Blue (81%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)



- Cyan (34%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3249, 0.2885, 0.3352 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 57.3249, 0.2885, 0.3352 by changing the saturation by 10% instead.


 57.3249, 0.2885,
0.3352

 57.3249, 0.2885,
0.3352

414.6656, 0.3001,
0.3323

 41.2661, 0.2857,
0.3359


 100.9391, 0.2926,
0.3342

 28.5271, 0.2822,
0.3367


129.2633, 0.2942,
0.3338

 18.7234, 0.2777,
0.3378


162.4449, 0.2956,
0.3334

 11.4706, 0.2716,
0.3393

200.8681, 0.2967,
0.3331

 6.3843, 0.2629,
0.3413

244.9174, 0.2977,
0.3329

 3.0801, 0.2496,
0.3442

294.9771, 0.2986,

 1.1737, 0.2262,

0.3327

0.3492

351.4318, 0.2994,
0.3325

0.0401, 0.0000,
0.1978

0.0000, 0.0000,
0.0000

57.3249, 0.2885,
0.3352

57.3249, 0.2885,
0.3352

55.0886, 0.2765,
0.3390

59.9306, 0.3014,
0.3317

53.1976, 0.2656,
0.3431


62.9146, 0.3150,
0.3285

51.6359, 0.2562,
0.3474


66.2942, 0.3289,
0.3256


50.3834, 0.2485,
0.3518


70.0835, 0.3429,
0.3231


 49.4178, 0.2427,
0.3564


 70.8227, 0.3433,
0.3204

 48.7139, 0.2388,
0.3610


 70.9639, 0.3413,
0.3176


 48.2417, 0.2367,
0.3656

 71.1073, 0.3392,
0.3149

 47.9563, 0.2364,
0.3701

 71.2532, 0.3372,
0.3122

 47.9161, 0.2364,
0.3709

 71.4013, 0.3352,
0.3095

Harmonies

Analogous

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



57.3249, 0.3036, 0.3503



57.3249, 0.2885, 0.3352



57.3249, 0.2799, 0.3188

Triad

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



57.3249, 0.2885, 0.3352



57.3249, 0.3032, 0.3008



57.3249, 0.3467, 0.3512

Complementary

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



57.3249, 0.2885, 0.3352



44.6998, 0.3436, 0.3229

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.



57.3249, 0.3467, 0.3376



57.3249, 0.2885, 0.3352



57.3249, 0.3212, 0.3091

Square

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



57.3249, 0.2885, 0.3352



57.3249, 0.2882, 0.2995



57.3249, 0.3373, 0.3224



57.3249, 0.3373, 0.3593

Rectangle

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



57.3249, 0.2885, 0.3352



57.3249, 0.2788, 0.3096



57.3249, 0.3373, 0.3224



57.3249, 0.3478, 0.3471

Sweetspot

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



57.3273, 0.2885, 0.3352



97.0843, 0.3045, 0.3309



56.4981, 0.3142, 0.3781



20.7151, 0.3036, 0.3312



0.0000, 0.0000, 0.0000



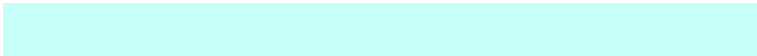
21.4041, 0.3127, 0.3290

Same Dimension

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



57.3273, 0.2885, 0.3352



90.4038, 0.2837, 0.3367



51.1118, 0.2844, 0.3112



13.3793, 0.3000, 0.3321



30.1990, 0.2362, 0.3702



1.6961, 0.2339, 0.3618

Inverse Universe

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



44.6998, 0.3436, 0.3229



66.5294, 0.3519, 0.3216



49.9720, 0.3451, 0.3462



11.8331, 0.3270, 0.3260



8.4160, 0.6220, 0.3200



0.4790, 0.5807, 0.2973

Previews

White Background



This preview shows how the Yxy color 57.3249, 0.2885, 0.3352 looks on a white background.

Color Contrast Check

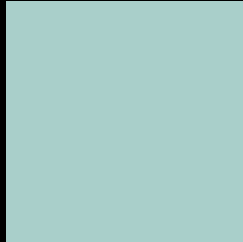
Large Text (above 18pt) WCAG AA × Fail

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 57.3249, 0.2885, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

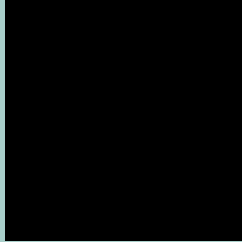
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

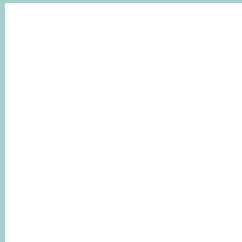
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3249, 0.2885, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 57.3249, 0.2885, 0.3352.

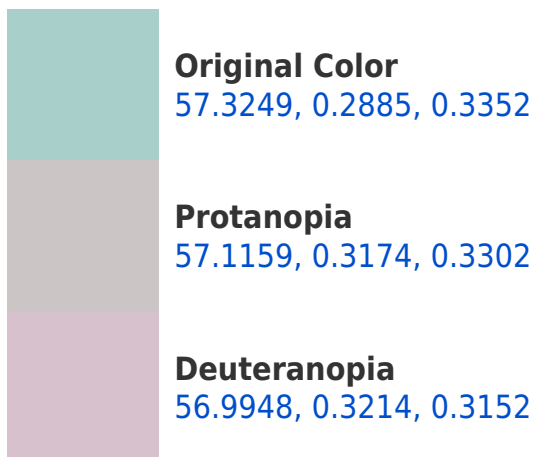


This preview shows how white text looks on a background with the Yxy color 57.3249, 0.2885, 0.3352.

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

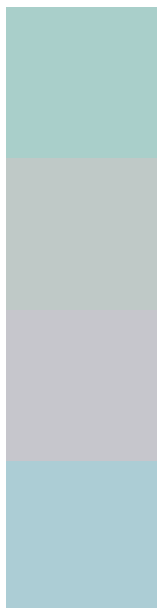




Tritanopia

57.2373, 0.2797, 0.3094

Trichromacy



Original Color

57.3249, 0.2885, 0.3352

Protanomaly

56.9732, 0.3065, 0.3314

Deuteranomaly

56.7536, 0.3084, 0.3218

Tritanomaly

57.2374, 0.2835, 0.3190

Monochromacy



Original Color

57.3249, 0.2885, 0.3352

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.3632, 0.3034, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3249, 0.2885, 0.3352 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(169, 207, 202)` looks like.

```
.text, #text, p{  
    color:rgb(169, 207, 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(169, 207, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 207, 202) }
```

Border

The CSS property to change the border of an element to Yxy 57.3249, 0.2885, 0.3352 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(169, 207, 202) }
```

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

```
.border{ border-color:rgb(169, 207, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 207, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 207, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 207, 202);  
box-shadow:4px 4px 4px 4px rgb(169, 207,  
202) }
```


Background

The CSS property to change the background color of an element to `rgb(57.3249, 0.2885, 0.3352)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 207, 202) }
```

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

```
.background{ background-color: rgb(169,  
207, 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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