

Converting Colors

$Yxy(57.5768, 0.2874, 0.3281)$

Have a look what the booklet for
Yxy(57.5768, 0.2874, 0.3281)
contains.

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Color

Yxy(57.4183, 0.2873, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	ACCECF
RGB	172, 206, 207
RGB Percent	67%, 81%, 81%
CMY	0.3257, 0.1921, 0.1882
CMYK	0.17, 0.00, 0.00, 0.19
HSL	182°, 27%, 74%
HSV	182°, 17%, 81%
XYZ	50.3396, 57.4183, 67.4582
YIQ	195.9480, -20.5850, -6.8970

Conversions

Conversions Part 2

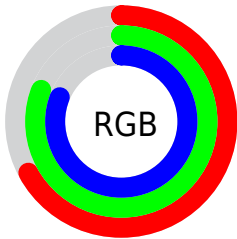
Format	Color
R_{YB}	172, 189, 207
Decimal	11325135
CIE _{Lab}	80.41, -11.04, -4.27
CIE _{LCh}	80, 11.836, 201.133
Yxy	57.4183, 0.2873, 0.3277
Android (android.graphics.Color)	4289515215 (0xFFACCECF)
YUV	195.9480, 5.4486, -21.0024
Hunter-Lab	75.7749, -14.0230, 0.2598

Details

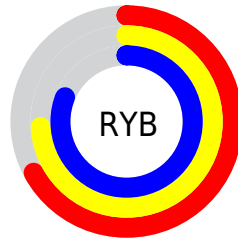
The Yxy color **57.4183, 0.2873, 0.3277** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.1063, 0.3446, 0.3303**, and the grayscale version is **55.1420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **28.6783, 0.2805, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **54.9800, 0.2735, 0.3269**, and if you desaturate by 10%, it is **60.2271, 0.3021, 0.3285**.

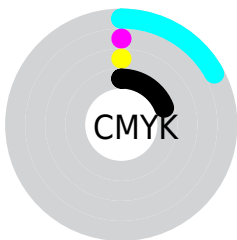
Distribution



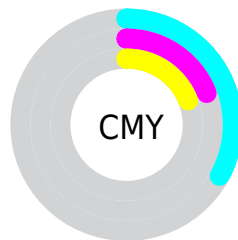
- Red (67%)
- Green (81%)
- Blue (81%)



- Red (67%)
- Yellow (74%)
- Blue (81%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (33%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.4183, 0.2873, 0.3277 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 57.4183, 0.2873, 0.3277 by changing the saturation by 10% instead.

■ 57.4183, 0.2873,
0.3277

■ 57.4183, 0.2873,
0.3277

415.0149, 0.2995,
0.3284

■ 41.3412, 0.2844,
0.3275

■ 101.0753, 0.2916,
0.3280

■ 28.5858, 0.2808,
0.3272

129.4239, 0.2933,
0.3281

■ 18.7677, 0.2761,
0.3268

162.6319, 0.2947,
0.3282

■ 11.5025, 0.2697,
0.3262

201.0835, 0.2959,
0.3283

■ 6.4059, 0.2608,
0.3253

245.1632, 0.2970,
0.3283

■ 3.0934, 0.2472,
0.3236

295.2555, 0.2979,

■ 1.1807, 0.2240,

0.3284

0.3201

351.7445, 0.2987,
0.3284

0.0459, 0.0000,
0.1164

0.0000, 0.0000,
0.0000

57.4183, 0.2873,
0.3277

57.4183, 0.2873,
0.3277

54.9800, 0.2735,
0.3269

60.2271, 0.3021,
0.3285

52.8883, 0.2610,
0.3260

63.4151, 0.3175,
0.3292

51.1274, 0.2501,
0.3251

66.9995, 0.3334,
0.3299

49.6774, 0.2409,
0.3241

70.9942, 0.3494,
0.3305

■ 48.5165, 0.2335,
0.3232

■ 71.3242, 0.3494,
0.3311

■ 47.6199, 0.2282,
0.3222

■ 71.6092, 0.3493,
0.3317

■ 46.9585, 0.2246,
0.3213

■ 71.8952, 0.3492,
0.3323

■ 46.4941, 0.2227,
0.3204

■ 72.1823, 0.3491,
0.3328

■ 46.3698, 0.2223,
0.3201

■ 72.4704, 0.3490,
0.3334

Harmonies

Analogous

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



57.4183, 0.2982, 0.3418



57.4183, 0.2873, 0.3277



57.4183, 0.2831, 0.3144

Triad

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



57.4183, 0.2873, 0.3277



57.4183, 0.3117, 0.3071



57.4183, 0.3394, 0.3524

Complementary

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



57.4183, 0.2873, 0.3277



46.1063, 0.3446, 0.3303

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.



57.4183, 0.3433, 0.3425



57.4183, 0.2873, 0.3277



57.4183, 0.3271, 0.3166

Square

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



57.4183, 0.2873, 0.3277



57.4183, 0.2969, 0.3030



57.4183, 0.3388, 0.3295



57.4183, 0.3282, 0.3562

Rectangle

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



57.4183, 0.2873, 0.3277



57.4183, 0.2846, 0.3078



57.4183, 0.3388, 0.3295



57.4183, 0.3416, 0.3496

Sweetspot

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



57.4207, 0.2873, 0.3277



97.4338, 0.3049, 0.3286



56.3896, 0.3102, 0.3736



20.7804, 0.3038, 0.3286



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.



57.4207, 0.2873, 0.3277



90.6689, 0.2826, 0.3274



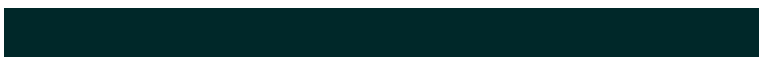
49.6204, 0.2863, 0.3059



13.3479, 0.2983, 0.3283



29.2406, 0.2223, 0.3203



1.6532, 0.2228, 0.3219

Inverse Universe

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



47.2113, 0.3155, 0.2885



71.5740, 0.3160, 0.2805



53.0956, 0.3412, 0.3511



12.0031, 0.3142, 0.3067



11.0231, 0.3280, 0.1580



0.6182, 0.3266, 0.1573

Previews

White Background



This preview shows how the Yxy color 57.4183, 0.2873, 0.3277 looks on a white background.

Color Contrast Check

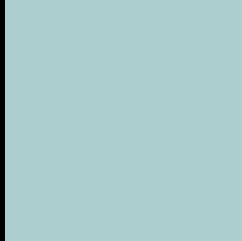
Large Text (above 18pt) WCAG AA × Fail

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 57.4183, 0.2873, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

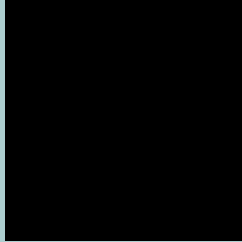
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

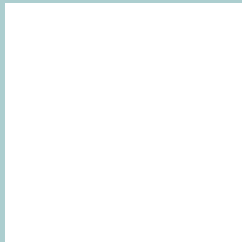
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4183, 0.2873, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 57.4183, 0.2873, 0.3277.

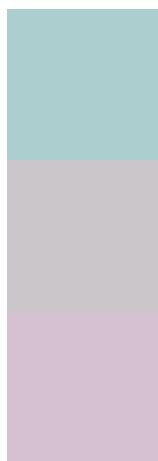


This preview shows how white text looks on a background with the Yxy color 57.4183, 0.2873, 0.3277.

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

57.4183, 0.2873, 0.3277

Protanopia

57.2090, 0.3129, 0.3243

Deuteranopia

57.0892, 0.3168, 0.3095



Tritanopia

57.3517, 0.2804, 0.3094

Trichromacy



Original Color

57.4183, 0.2873, 0.3277

Protanomaly

57.2093, 0.3030, 0.3253

Deuteranomaly

57.1337, 0.3056, 0.3160

Tritanomaly

57.4532, 0.2829, 0.3166

Monochromacy



Original Color

57.4183, 0.2873, 0.3277

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.0435, 0.3027, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4183, 0.2873, 0.3277 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(172, 206, 207)` looks like.

```
.text, #text, p{  
    color:rgb(172, 206, 207)  
}
```

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(172, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 206, 207) }
```

Border

The CSS property to change the border of an element to Yxy 57.4183, 0.2873, 0.3277 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(172, 206, 207) }
```

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

```
.border{ border-color:rgb(172, 206, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 206, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 206, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 206, 207); box-shadow:4px 4px 4px 4px rgb(172, 206, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4183, 0.2873, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 206, 207) }
```

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

```
.background{ background-color: rgb(172,  
206, 207) }
```

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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