

Converting Colors

$Yxy(57.1387, 0.2879, 0.3476)$

Have a look what the booklet for
Yxy(57.1387, 0.2879, 0.3476)
contains.

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Color

Yxy(57.1181, 0.2876, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	A1D1C3
RGB	161, 209, 195
RGB Percent	63%, 82%, 76%
CMY	0.3688, 0.1803, 0.2354
CMYK	0.23, 0.00, 0.07, 0.18
HSL	162°, 34%, 73%
HSV	162°, 23%, 82%
XYZ	47.3405, 57.1181, 60.1468
YIQ	193.0520, -24.1140, -14.5300

Conversions

Conversions Part 2

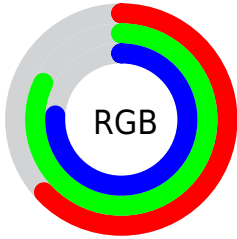
Format	Color
RYB	161, 189, 209
Decimal	10604995
CIELab	80.25, -18.51, 1.84
CIELCh	80, 18.604, 174.327
Yxy	57.1181, 0.2876, 0.3470
Android (android.graphics.Color)	4288795075 (0xFFA1D1C3)
YUV	193.0520, 0.9604, -28.1096
Hunter-Lab	75.5765, -20.4479, 5.7182

Details

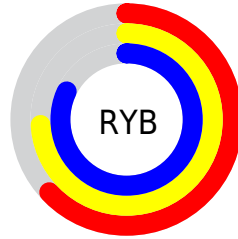
The Yxy color **57.1181, 0.2876, 0.3470** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.1283, 0.3462, 0.3118**, and the grayscale version is **53.3615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3000, 0.2916, 0.3320**, and **28.2224, 0.2810, 0.3518** is the 20% darker color. If you saturate the color by 10%, you get **54.8576, 0.2778, 0.3561**, and if you desaturate by 10%, it is **59.7576, 0.2982, 0.3387**.

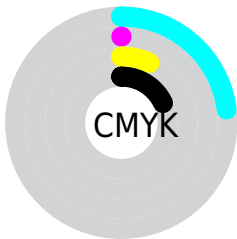
Distribution



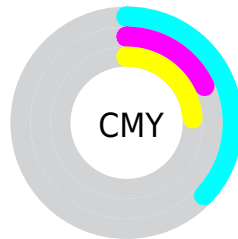
- Red (63%)
- Green (82%)
- Blue (76%)



- Red (63%)
- Yellow (74%)
- Blue (82%)



- Cyan (23%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)





- Cyan (37%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1181, 0.2876, 0.3470 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 57.1181, 0.2876, 0.3470 by changing the saturation by 10% instead.

 57.1181, 0.2876,
0.3470

 57.1181, 0.2876,
0.3470

413.8917, 0.2998,
0.3382

 41.1001, 0.2847,
0.3491


 100.6375, 0.2919,
0.3439

 28.3973, 0.2810,
0.3518


 128.9076, 0.2936,
0.3427

 18.6254, 0.2762,
0.3553


162.0306, 0.2950,
0.3417

 11.3999, 0.2697,
0.3601

200.3908, 0.2962,
0.3408

 6.3365, 0.2604,
0.3670

244.3726, 0.2973,
0.3400

 3.0507, 0.2460,
0.3779

294.3604, 0.2982,

 1.1583, 0.2161,

0.3394

0.3997

350.7387, 0.2990,
0.3388

0.0272, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.1181, 0.2876,
0.3470

57.1181, 0.2876,
0.3470

54.8576, 0.2778,
0.3561

59.7576, 0.2982,
0.3387

52.9507, 0.2691,
0.3658

62.7858, 0.3093,
0.3311

51.3803, 0.2619,
0.3761

66.2211, 0.3207,
0.3243

50.1244, 0.2563,
0.3869

70.0783, 0.3322,
0.3183

■ 49.1591, 0.2526,
0.3979

■ 72.3320, 0.3357,
0.3125

■ 48.4561, 0.2509,
0.4090

■ 72.6722, 0.3312,
0.3064

■ 47.9821, 0.2511,
0.4201

■ 73.0244, 0.3268,
0.3005

■ 47.7455, 0.2521,
0.4277

■ 73.3888, 0.3225,
0.2946

■ 73.7654, 0.3183,
0.2888

Harmonies

Analogous

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



57.1181, 0.3104, 0.3651



57.1181, 0.2876, 0.3470



57.1181, 0.2718, 0.3241

Triad

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



57.1181, 0.2876, 0.3470



57.1181, 0.2900, 0.2889



57.1181, 0.3610, 0.3515

Complementary

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



57.1181, 0.2876, 0.3470



42.1283, 0.3462, 0.3118

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.



57.1181, 0.3553, 0.3315



57.1181, 0.2876, 0.3470



57.1181, 0.3135, 0.2963

Square

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



57.1181, 0.2876, 0.3470



57.1181, 0.2732, 0.2913



57.1181, 0.3376, 0.3116



57.1181, 0.3532, 0.3667

Rectangle

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



57.1181, 0.2876, 0.3470



57.1181, 0.2671, 0.3099



57.1181, 0.3376, 0.3116



57.1181, 0.3606, 0.3451

Sweetspot

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



57.1205, 0.2876, 0.3470



96.4391, 0.3047, 0.3341



57.3377, 0.3205, 0.3910



20.5794, 0.3040, 0.3346



0.0000, 0.0000, 0.0000



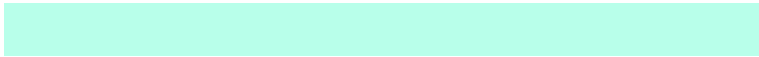
21.4041, 0.3127, 0.3290

Same Dimension

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



57.1205, 0.2876, 0.3470



87.6100, 0.2823, 0.3517



53.2102, 0.2780, 0.3166



13.3458, 0.3021, 0.3359



29.4516, 0.2517, 0.4261



1.6602, 0.2461, 0.4060

Inverse Universe

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



42.1283, 0.3462, 0.3118



59.7564, 0.3564, 0.3075



45.0934, 0.3571, 0.3411



11.8642, 0.3245, 0.3222



8.5808, 0.5774, 0.2954



0.4937, 0.5241, 0.2661

Previews

White Background



This preview shows how the Yxy color 57.1181, 0.2876, 0.3470 looks on a white background.

Color Contrast Check

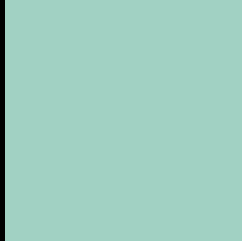
Large Text (above 18pt) WCAG AA × Fail

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 57.1181, 0.2876, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

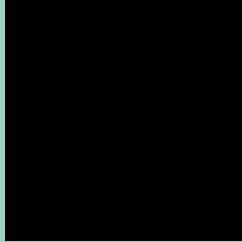
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

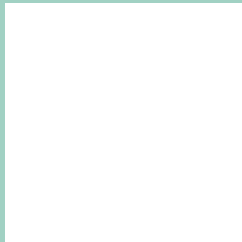
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1181, 0.2876, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 57.1181, 0.2876, 0.3470.

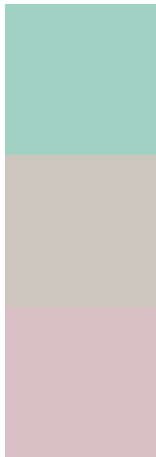


This preview shows how white text looks on a background with the Yxy color 57.1181, 0.2876, 0.3470.

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

57.1181, 0.2876, 0.3470

Protanopia

56.8997, 0.3242, 0.3398

Deuteranopia

56.5282, 0.3286, 0.3221



Tritanopia

56.9901, 0.2745, 0.3092

Trichromacy



Original Color

57.1181, 0.2876, 0.3470

Protanomaly

56.6940, 0.3098, 0.3426

Deuteranomaly

56.2897, 0.3127, 0.3302

Tritanomaly

56.7886, 0.2788, 0.3214

Monochromacy



Original Color

57.1181, 0.2876, 0.3470

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.5656, 0.3024, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1181, 0.2876, 0.3470 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(161, 209, 195)` looks like.

```
.text, #text, p{  
    color:rgb(161, 209, 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(161, 209, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 209, 195) }
```

Border

The CSS property to change the border of an element to Yxy 57.1181, 0.2876, 0.3470 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(161, 209, 195) }
```

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

```
.border{ border-color:rgb(161, 209, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 209, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 209, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 209, 195);  
box-shadow:4px 4px 4px 4px rgb(161, 209,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1181, 0.2876, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 209, 195) }
```

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

```
.background{ background-color: rgb(161,  
209, 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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