

Converting Colors

Yxy(57.1729, 0.2955, 0.3468)

Have a look what the booklet for
Yxy(57.1729, 0.2955, 0.3468)
contains.

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Color

Yxy(57.1338, 0.2957, 0.3467)

Conversions

Conversions Part 1

Format	Color
Hex	ABCFC1
RGB	171, 207, 193
RGB Percent	67%, 81%, 76%
CMY	0.3296, 0.1882, 0.2430
CMYK	0.17, 0.00, 0.07, 0.19
HSL	157°, 27%, 74%
HSV	157°, 17%, 81%
XYZ	48.7293, 57.1338, 58.9300
YIQ	194.6400, -16.9620, -11.9860

Conversions

Conversions Part 2

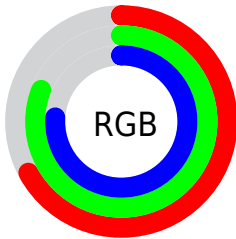
Format	Color
RYB	171, 193, 207
Decimal	11259841
CIELab	80.25, -14.71, 2.97
CIELCh	80, 15.009, 168.593
Yxy	57.1338, 0.2957, 0.3467
Android (android.graphics.Color)	4289449921 (0xFFABCFC1)
YUV	194.6400, -0.8085, -20.7323
Hunter-Lab	75.5869, -17.2017, 6.6864

Details

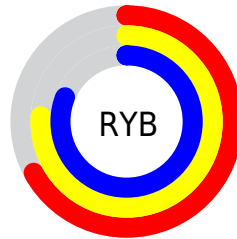
The Yxy color **57.1338, 0.2957, 0.3467** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.8785, 0.3335, 0.3120**, and the grayscale version is **54.3587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6904, 0.2991, 0.3350**, and **28.5275, 0.2906, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **54.6427, 0.2866, 0.3583**, and if you desaturate by 10%, it is **60.0132, 0.3054, 0.3361**.

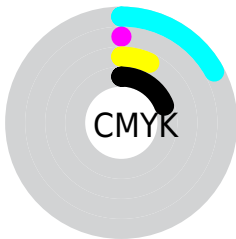
Distribution



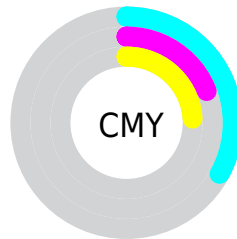
- Red (67%)
- Green (81%)
- Blue (76%)



- Red (67%)
- Yellow (76%)
- Blue (81%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (19%)





- Cyan (33%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1338, 0.2957, 0.3467 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 57.1338, 0.2957, 0.3467 by changing the saturation by 10% instead.


 57.1338, 0.2957,
0.3467

 57.1338, 0.2957,
0.3467


413.9505, 0.3040,
0.3381

 41.1127, 0.2937,
0.3488

 100.6604, 0.2987,
0.3436

 28.4071, 0.2912,
0.3515


128.9346, 0.2998,
0.3424

 18.6328, 0.2879,
0.3550


162.0621, 0.3007,
0.3414

 11.4052, 0.2834,
0.3598

200.4271, 0.3016,
0.3406

 6.3401, 0.2769,
0.3667

244.4140, 0.3023,
0.3398

 3.0530, 0.2669,
0.3777

294.4073, 0.3029,

 1.1594, 0.2474,

0.3392

0.3985

350.7913, 0.3035,
0.3386

0.0282, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.1338, 0.2957,
0.3467

57.1338, 0.2957,
0.3467

54.6427, 0.2866,
0.3583

60.0132, 0.3054,
0.3361

52.5154, 0.2783,
0.3710


63.2897, 0.3153,
0.3266


50.7359, 0.2711,
0.3846

66.9810, 0.3253,
0.3182

49.2838, 0.2654,
0.3989


71.1014, 0.3352,
0.3107

 48.1369, 0.2614,
0.4138


 71.7836, 0.3303,
0.3029


 47.2698, 0.2593,
0.4289


 72.2533, 0.3245,
0.2951

 46.6529, 0.2593,
0.4440

 72.7441, 0.3189,
0.2875

 46.2456, 0.2612,
0.4587

 73.1109, 0.3149,
0.2821

 46.1565, 0.2618,
0.4624

Harmonies

Analogous

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



57.1338, 0.3148, 0.3597



57.1338, 0.2957, 0.3467



57.1338, 0.2814, 0.3288

Triad

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



57.1338, 0.2957, 0.3467



57.1338, 0.2913, 0.2961



57.1338, 0.3516, 0.3446

Complementary

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



57.1338, 0.2957, 0.3467



45.8785, 0.3335, 0.3120

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.



57.1338, 0.3449, 0.3280



57.1338, 0.2957, 0.3467



57.1338, 0.3097, 0.3007

Square

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



57.1338, 0.2957, 0.3467



57.1338, 0.2789, 0.2998



57.1338, 0.3294, 0.3122



57.1338, 0.3474, 0.3578

Rectangle

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



57.1338, 0.2957, 0.3467



57.1338, 0.2763, 0.3169



57.1338, 0.3294, 0.3122



57.1338, 0.3505, 0.3392

Sweetspot

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



57.1362, 0.2957, 0.3467



97.3472, 0.3077, 0.3338



57.9314, 0.3215, 0.3743



20.7594, 0.3070, 0.3345



0.0000, 0.0000, 0.0000



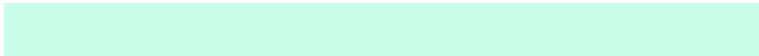
21.4041, 0.3127, 0.3290

Same Dimension

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



57.1362, 0.2957, 0.3467



89.9541, 0.2921, 0.3510



56.0629, 0.2864, 0.3244



13.3262, 0.3034, 0.3382



29.0963, 0.2612, 0.4604



1.6422, 0.2537, 0.4335

Inverse Universe

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



45.8785, 0.3335, 0.3120



68.5288, 0.3391, 0.3080



46.6972, 0.3452, 0.3336



11.8830, 0.3231, 0.3200



8.7424, 0.5411, 0.2754



0.5042, 0.4918, 0.2483

Previews

White Background



This preview shows how the Yxy color 57.1338, 0.2957, 0.3467 looks on a white background.

Color Contrast Check

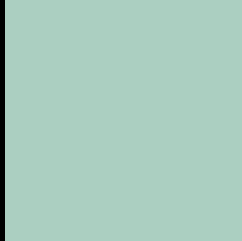
Large Text (above 18pt) WCAG AA × Fail

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 57.1338, 0.2957, 0.3467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

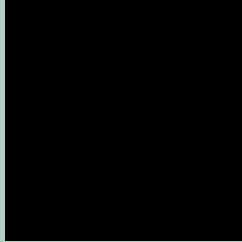
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

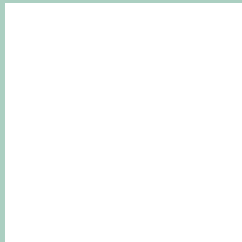
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1338, 0.2957, 0.3467

Background



This preview shows how black text looks on a background with the Yxy color 57.1338, 0.2957, 0.3467.



This preview shows how white text looks on a background with the Yxy color 57.1338, 0.2957, 0.3467.

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**

57.1338, 0.2957, 0.3467

Protanopia

56.9981, 0.3257, 0.3410

Deuteranopia

56.7449, 0.3318, 0.3245



Tritanopia

57.0565, 0.2823, 0.3094

Trichromacy



Original Color

57.1338, 0.2957, 0.3467

Protanomaly

56.8285, 0.3144, 0.3425

Deuteranomaly

56.4292, 0.3182, 0.3314

Tritanomaly

56.8375, 0.2867, 0.3215

Monochromacy



Original Color

57.1338, 0.2957, 0.3467

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.1810, 0.3062, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1338, 0.2957, 0.3467 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, 207, 193)` looks like.

```
.text, #text, p{  
    color:rgb(171, 207, 193)  
}
```

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, 207, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 207, 193) }
```

Border

The CSS property to change the border of an element to Yxy 57.1338, 0.2957, 0.3467 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, 207, 193) }
```

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

```
.border{ border-color:rgb(171, 207, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 207, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 207, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 207, 193); box-shadow:4px 4px 4px 4px rgb(171, 207, 193) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1338, 0.2957, 0.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 207, 193) }
```

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

```
.background{ background-color: rgb(171,  
207, 193) }
```

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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