

Converting Colors

$Yxy(57.0851, 0.2964, 0.3480)$

Have a look what the booklet for
Yxy(57.0851, 0.2964, 0.3480)
contains.

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Color

Yxy(57.0893, 0.2964, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	ABCFC0
RGB	171, 207, 192
RGB Percent	67%, 81%, 75%
CMY	0.3294, 0.1882, 0.2470
CMYK	0.17, 0.00, 0.07, 0.19
HSL	155°, 27%, 74%
HSV	155°, 17%, 81%
XYZ	48.6243, 57.0893, 58.3361
YIQ	194.5260, -16.6410, -12.2970

Conversions

Conversions Part 2

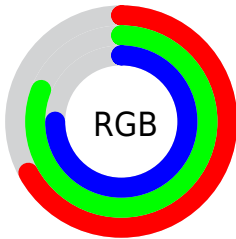
Format	Color
RYB	171, 194, 207
Decimal	11259840
CIELab	80.23, -14.89, 3.47
CIELCh	80, 15.293, 166.866
Yxy	57.0893, 0.2964, 0.3480
Android (android.graphics.Color)	4289449920 (0xFFABCFC0)
YUV	194.5260, -1.2453, -20.6323
Hunter-Lab	75.5575, -17.3535, 7.1139

Details

The Yxy color **57.0893, 0.2964, 0.3480** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.9390, 0.3326, 0.3108**, and the grayscale version is **54.2941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6282, 0.2996, 0.3360**, and **28.4981, 0.2915, 0.3531** is the 20% darker color. If you saturate the color by 10%, you get **54.5752, 0.2876, 0.3605**, and if you desaturate by 10%, it is **59.9945, 0.3057, 0.3366**.

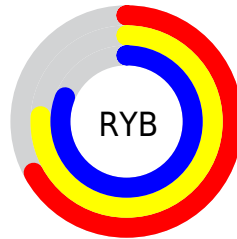
Distribution



Red (67%)

Green (81%)

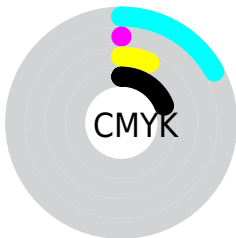
Blue (75%)



Red (67%)

Yellow (76%)

Blue (81%)

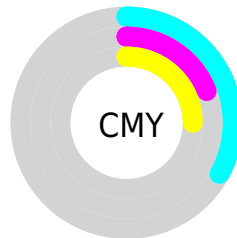


Cyan (17%)

Magenta (0%)

Yellow (7%)

Black (19%)



Cyan (33%)

Magenta (19%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0893, 0.2964, 0.3480 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 57.0893, 0.2964, 0.3480 by changing the saturation by 10% instead.

■ 57.0893, 0.2964,
0.3480

■ 57.0893, 0.2964,
0.3480

413.7838, 0.3043,
0.3387

■ 41.0769, 0.2945,
0.3503

■ 100.5955, 0.2992,
0.3447

■ 28.3792, 0.2920,
0.3531

128.8581, 0.3003,
0.3434

■ 18.6117, 0.2889,
0.3569

161.9729, 0.3012,
0.3423

■ 11.3900, 0.2845,
0.3621

200.3243, 0.3020,
0.3414

■ 6.3298, 0.2783,
0.3696

244.2967, 0.3027,
0.3406

■ 3.0467, 0.2685,
0.3816

294.2745, 0.3033,

■ 1.1561, 0.2493,

0.3399

0.4043

350.6421, 0.3039,
0.3393

0.0254, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.0893, 0.2964,
0.3480

57.0893, 0.2964,
0.3480

54.5752, 0.2876,
0.3605

59.9945, 0.3057,
0.3366

52.4279, 0.2796,
0.3742

63.2999, 0.3152,
0.3265

50.6311, 0.2727,
0.3889

67.0231, 0.3248,
0.3174

49.1644, 0.2672,
0.4044

71.1785, 0.3343,
0.3094

■ 48.0055, 0.2635,
0.4204

■ 71.8902, 0.3289,
0.3010

■ 47.1290, 0.2616,
0.4368

■ 72.4007, 0.3228,
0.2927

■ 46.5052, 0.2619,
0.4529

■ 72.9357, 0.3167,
0.2846

■ 46.0935, 0.2640,
0.4687

■ 73.1063, 0.3149,
0.2821

■ 46.0028, 0.2646,
0.4727

Harmonies

Analogous

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



57.0893, 0.3160, 0.3608



57.0893, 0.2964, 0.3480



57.0893, 0.2815, 0.3298

Triad

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



57.0893, 0.2964, 0.3480



57.0893, 0.2899, 0.2955



57.0893, 0.3522, 0.3439

Complementary

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



57.0893, 0.2964, 0.3480



45.9390, 0.3326, 0.3108

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.



57.0893, 0.3448, 0.3270



57.0893, 0.2964, 0.3480



57.0893, 0.3084, 0.2997

Square

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



57.0893, 0.2964, 0.3480



57.0893, 0.2778, 0.2998



57.0893, 0.3286, 0.3110



57.0893, 0.3486, 0.3577

Rectangle

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



57.0893, 0.2964, 0.3480



57.0893, 0.2760, 0.3176



57.0893, 0.3286, 0.3110



57.0893, 0.3509, 0.3384

Sweetspot

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



57.0917, 0.2964, 0.3480



97.3244, 0.3079, 0.3342



58.0066, 0.3220, 0.3742



20.7538, 0.3072, 0.3349



0.0000, 0.0000, 0.0000



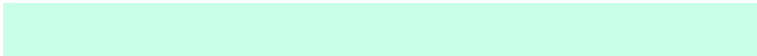
21.4041, 0.3127, 0.3290

Same Dimension

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



57.0917, 0.2964, 0.3480



89.8666, 0.2929, 0.3527



56.3504, 0.2865, 0.3252



13.3204, 0.3038, 0.3388



29.0027, 0.2640, 0.4706



1.6373, 0.2560, 0.4417

Inverse Universe

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



45.9390, 0.3326, 0.3108



68.6111, 0.3379, 0.3065



46.4809, 0.3453, 0.3328



11.8887, 0.3226, 0.3194



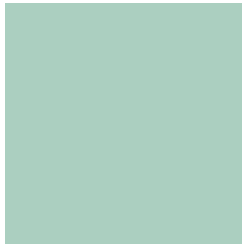
8.8007, 0.5295, 0.2691



0.5077, 0.4821, 0.2430

Previews

White Background



This preview shows how the Yxy color 57.0893, 0.2964, 0.3480 looks on a white background.

Color Contrast Check

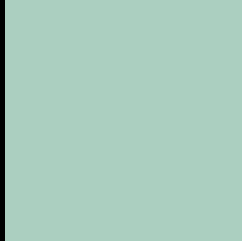
Large Text (above 18pt) WCAG AA × Fail

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 57.0893, 0.2964, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

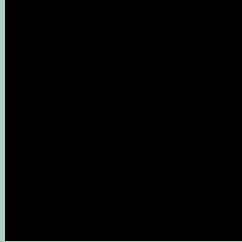
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

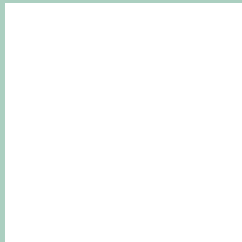
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0893, 0.2964, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 57.0893, 0.2964, 0.3480.

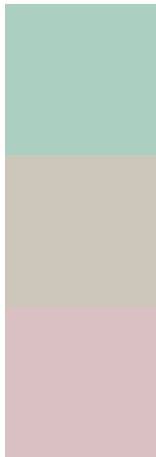


This preview shows how white text looks on a background with the Yxy color 57.0893, 0.2964, 0.3480.

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

57.0893, 0.2964, 0.3480

Protanopia

56.9552, 0.3265, 0.3422

Deuteranopia

56.6995, 0.3326, 0.3256



Tritanopia

57.0565, 0.2823, 0.3094

Trichromacy



Original Color

57.0893, 0.2964, 0.3480

Protanomaly

56.7849, 0.3151, 0.3437

Deuteranomaly

56.3841, 0.3189, 0.3326

Tritanomaly

56.7879, 0.2873, 0.3227

Monochromacy



Original Color

57.0893, 0.2964, 0.3480

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 57.0893, 0.2964, 0.3480 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(171, 207, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 207, 192) }
```

Border

The CSS property to change the border of an element to Yxy 57.0893, 0.2964, 0.3480 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, 192) }
```

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

```
.border{ border-color:rgb(171, 207, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 207, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 207, 192);  
box-shadow:4px 4px 4px 4px rgb(171, 207,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0893, 0.2964, 0.3480 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, 192) }
```

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

```
.background{ background-color: rgb(171,  
207, 192) }
```

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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