

Converting Colors

$Yxy(57.7069, 0.2844, 0.3674)$

Have a look what the booklet for
Yxy(57.7069, 0.2844, 0.3674)
contains.

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Color

Yxy(57.7069, 0.2844, 0.3674)

Conversions

Conversions Part 1

Format	Color
Hex	92D6B9
RGB	146, 214, 185
RGB Percent	57%, 84%, 73%
CMY	0.4271, 0.1608, 0.2744
CMYK	0.32, 0.00, 0.14, 0.16
HSL	154°, 45%, 71%
HSV	154°, 32%, 84%
XYZ	44.6702, 57.7069, 54.6912
YIQ	190.3620, -31.2190, -23.4350

Conversions

Conversions Part 2

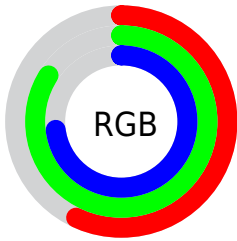
Format	Color
RYB	146, 189, 214
Decimal	9623225
CIELab	80.58, -27.53, 7.53
CIELCh	81, 28.541, 164.708
Yxy	57.7069, 0.2844, 0.3674
Android (android.graphics.Color)	4287813305 (0xFF92D6B9)
YUV	190.3620, -2.6435, -38.9055
Hunter-Lab	75.9651, -27.9743, 10.4896

Details

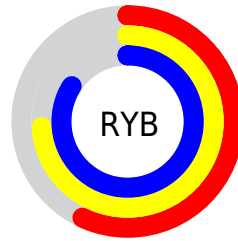
The Yxy color **57.7069, 0.2844, 0.3674** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.9768, 0.3541, 0.2938**, and the grayscale version is **51.7531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4274, 0.2889, 0.3437**, and **28.7894, 0.2768, 0.3781** is the 20% darker color. If you saturate the color by 10%, you get **55.5534, 0.2769, 0.3819**, and if you desaturate by 10%, it is **60.2570, 0.2928, 0.3540**.

Distribution



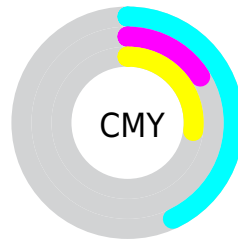
- Red (57%)
- Green (84%)
- Blue (73%)



- Red (57%)
- Yellow (74%)
- Blue (84%)



- Cyan (32%)
- Magenta (0%)
- Yellow (14%)
- Black (16%)





- Cyan (43%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7069, 0.2844, 0.3674 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 57.7069, 0.2844, 0.3674 by changing the saturation by 10% instead.


 57.7069, 0.2844,
0.3674


 57.7069, 0.2844,
0.3674


416.0929, 0.2983,
0.3484

 41.5731, 0.2810,
0.3721


 101.4959, 0.2894,
0.3605

 28.7671, 0.2767,
0.3781


 129.9199, 0.2913,
0.3579

 18.9047, 0.2711,
0.3860


163.2093, 0.2929,
0.3557

 11.6015, 0.2634,
0.3969

201.7487, 0.2943,
0.3539

 6.4729, 0.2522,
0.4130

245.9223, 0.2955,
0.3522

 3.1347, 0.2346,
0.4390

296.1146, 0.2965,

 1.2025, 0.1843,

0.3508

352.7100, 0.2974,
0.3495

0.5028

0.0637, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.7069, 0.2844,
0.3674

57.7069, 0.2844,
0.3674

55.5534, 0.2769,
0.3819

60.2570, 0.2928,
0.3540

53.7685, 0.2707,
0.3975

63.2160, 0.3018,
0.3418


52.3314, 0.2661,
0.4137

66.6042, 0.3111,
0.3308


51.2166, 0.2632,
0.4304


70.4387, 0.3205,
0.3210


 50.3946, 0.2624,
0.4472

 74.7356, 0.3299,
0.3123

 49.8304, 0.2636,
0.4636

 75.6260, 0.3249,
0.3035

 49.5088, 0.2658,
0.4768

 76.1818, 0.3187,
0.2947

 76.5667, 0.3146,
0.2890

Harmonies

Analogous

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



57.7069, 0.3205, 0.3911



57.7069, 0.2844, 0.3674



57.7069, 0.2569, 0.3321

Triad

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



57.7069, 0.2844, 0.3674



57.7069, 0.2686, 0.2684



57.7069, 0.3865, 0.3525

Complementary

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



57.7069, 0.2844, 0.3674



37.9768, 0.3541, 0.2938

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.



57.7069, 0.3711, 0.3220



57.7069, 0.2844, 0.3674



57.7069, 0.3014, 0.2753

Square

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



57.7069, 0.2844, 0.3674



57.7069, 0.2484, 0.2760



57.7069, 0.3393, 0.2945



57.7069, 0.3805, 0.3793

Rectangle

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



57.7069, 0.2844, 0.3674



57.7069, 0.2466, 0.3088



57.7069, 0.3393, 0.2945



57.7069, 0.3836, 0.3424

Sweetspot

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



57.7093, 0.2844, 0.3674



94.7993, 0.3033, 0.3399



59.3380, 0.3299, 0.4162



20.1459, 0.3020, 0.3415



0.0000, 0.0000, 0.0000



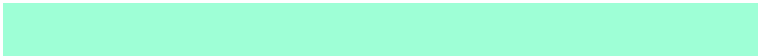
21.4041, 0.3127, 0.3290

Same Dimension

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



57.7093, 0.2844, 0.3674



83.6367, 0.2793, 0.3770



56.8008, 0.2669, 0.3231



14.0141, 0.3039, 0.3391



29.9501, 0.2651, 0.4744



1.8229, 0.2574, 0.4466

Inverse Universe

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



37.9768, 0.3541, 0.2938



49.8921, 0.3663, 0.2862



38.3818, 0.3832, 0.3348



12.5079, 0.3225, 0.3191



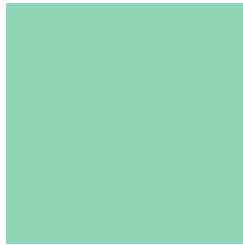
9.1208, 0.5255, 0.2668



0.5665, 0.4816, 0.2426

Previews

White Background



This preview shows how the Yxy color 57.7069, 0.2844, 0.3674 looks on a white background.

Color Contrast Check

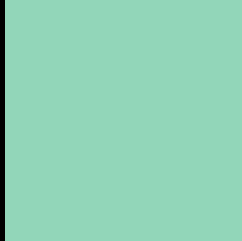
Large Text (above 18pt) WCAG AA × Fail

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 57.7069, 0.2844, 0.3674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

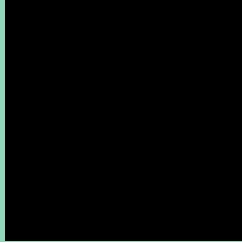
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

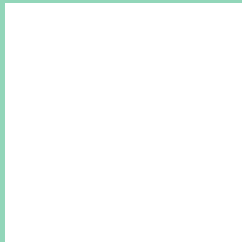
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7069, 0.2844, 0.3674

Background



This preview shows how black text looks on a background with the Yxy color 57.7069, 0.2844, 0.3674.



This preview shows how white text looks on a background with the Yxy color 57.7069, 0.2844, 0.3674.

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

57.7069, 0.2844, 0.3674

Protanopia

57.4311, 0.3364, 0.3554

Deuteranopia

56.9466, 0.3391, 0.3314



Tritanopia

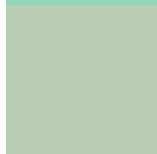
57.5166, 0.2657, 0.3077

Trichromacy



Original Color

57.7069, 0.2844, 0.3674



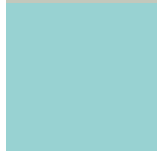
Protanomaly

56.7953, 0.3151, 0.3591



Deuteranomaly

56.4087, 0.3167, 0.3437



Tritanomaly

57.4217, 0.2728, 0.3289

Monochromacy



Original Color

57.7069, 0.2844, 0.3674



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

53.4764, 0.3013, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7069, 0.2844, 0.3674 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(146, 214, 185)` looks like.

```
.text, #text, p{  
    color:rgb(146, 214, 185)  
}
```

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(146, 214, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 214, 185) }
```

Border

The CSS property to change the border of an element to Yxy 57.7069, 0.2844, 0.3674 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(146, 214, 185) }
```

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

```
.border{ border-color:rgb(146, 214, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 214, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 214, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 214, 185);  
box-shadow:4px 4px 4px 4px rgb(146, 214,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7069, 0.2844, 0.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 214, 185) }
```

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

```
.background{ background-color: rgb(146,  
214, 185) }
```

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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