

Converting Colors

$Yxy(57.3379, 0.2784, 0.3694)$

Have a look what the booklet for
Yxy(57.3379, 0.2784, 0.3694)
contains.

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Color

Yxy(57.3379, 0.2784, 0.3694)

Conversions

Conversions Part 1

Format	Color
Hex	88D7B9
RGB	136, 215, 185
RGB Percent	53%, 84%, 73%
CMY	0.4665, 0.1569, 0.2746
CMYK	0.37, 0.00, 0.14, 0.16
HSL	157°, 50%, 69%
HSV	157°, 37%, 84%
XYZ	43.2130, 57.3379, 54.6681
YIQ	187.9590, -37.4540, -26.0780

Conversions

Conversions Part 2

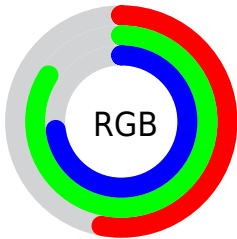
Format	Color
RYB	136, 185, 215
Decimal	8968121
CIELab	80.37, -30.92, 7.19
CIELCh	80, 31.741, 166.901
Yxy	57.3379, 0.2784, 0.3694
Android (android.graphics.Color)	4287158201 (0xFF88D7B9)
YUV	187.9590, -1.4588, -45.5680
Hunter-Lab	75.7218, -30.6466, 10.2002

Details

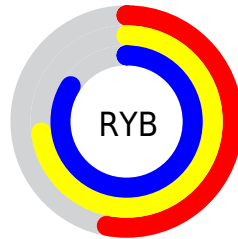
The Yxy color **57.3379, 0.2784, 0.3694** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.8248, 0.3672, 0.2924**, and the grayscale version is **50.2947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0773, 0.2833, 0.3439**, and **28.6014, 0.2692, 0.3808** is the 20% darker color. If you saturate the color by 10%, you get **55.3808, 0.2711, 0.3827**, and if you desaturate by 10%, it is **59.6807, 0.2869, 0.3570**.

Distribution



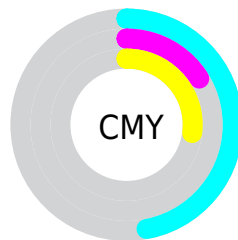
- Red (53%)
- Green (84%)
- Blue (73%)



- Red (53%)
- Yellow (73%)
- Blue (84%)



- Cyan (37%)
- Magenta (0%)
- Yellow (14%)
- Black (16%)




- Cyan (47%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3379, 0.2784, 0.3694 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 57.3379, 0.2784, 0.3694 by changing the saturation by 10% instead.


 57.3379, 0.2784,
0.3694

 57.3379, 0.2784,
0.3694

414.7143, 0.2952,
0.3494


 41.2766, 0.2743,
0.3743

 100.9581, 0.2844,
0.3622

 28.5353, 0.2691,
0.3807

 129.2857, 0.2867,
0.3594

 18.7295, 0.2624,
0.3890


 162.4709, 0.2886,
0.3571

 11.4750, 0.2531,
0.4006

200.8981, 0.2903,
0.3551

 6.3873, 0.2397,
0.4176

244.9516, 0.2918,
0.3534

 3.0820, 0.2188,
0.4450

295.0159, 0.2931,

 1.1747, 0.1490,

0.3519

0.5202

351.4753, 0.2942,
0.3506

0.0409, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.3379, 0.2784,
0.3694

57.3379, 0.2784,
0.3694

55.3808, 0.2711,
0.3827

59.6807, 0.2869,
0.3570

53.7802, 0.2652,
0.3967


62.4223, 0.2961,
0.3457

52.5142, 0.2610,
0.4113


65.5839, 0.3060,
0.3353


51.5552, 0.2588,
0.4262

69.1830, 0.3160,
0.3261

 50.8712, 0.2586,
0.4410


 73.2362, 0.3262,
0.3178

 50.4207, 0.2604,
0.4554

 75.8035, 0.3289,
0.3101

 50.3000, 0.2611,
0.4601

 76.2847, 0.3232,
0.3021

 76.7878, 0.3176,
0.2944

 77.0808, 0.3145,
0.2900

Harmonies

Analogous

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



57.3379, 0.3180, 0.3975



57.3379, 0.2784, 0.3694



57.3379, 0.2492, 0.3292

Triad

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



57.3379, 0.2784, 0.3694



57.3379, 0.2660, 0.2620



57.3379, 0.3953, 0.3570

Complementary

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



57.3379, 0.2784, 0.3694



34.8248, 0.3672, 0.2924

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.



57.3379, 0.3799, 0.3234



57.3379, 0.2784, 0.3694



57.3379, 0.3030, 0.2709

Square

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



57.3379, 0.2784, 0.3694



57.3379, 0.2425, 0.2689



57.3379, 0.3452, 0.2928



57.3379, 0.3867, 0.3864

Rectangle

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



57.3379, 0.2784, 0.3694



57.3379, 0.2388, 0.3035



57.3379, 0.3452, 0.2928



57.3379, 0.3928, 0.3459

Sweetspot

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



57.3402, 0.2784, 0.3694



94.3944, 0.3016, 0.3397



58.5205, 0.3291, 0.4325



20.0681, 0.3003, 0.3411



0.0000, 0.0000, 0.0000



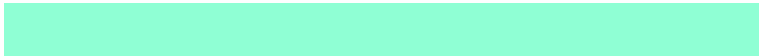
21.4041, 0.3127, 0.3290

Same Dimension

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



57.3402, 0.2784, 0.3694



82.1113, 0.2726, 0.3796



54.1854, 0.2599, 0.3168



14.0240, 0.3033, 0.3380



30.1068, 0.2606, 0.4580



1.8318, 0.2536, 0.4330

Inverse Universe

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



34.8248, 0.3672, 0.2924



44.3681, 0.3841, 0.2848



36.5557, 0.3973, 0.3407



12.4982, 0.3232, 0.3202



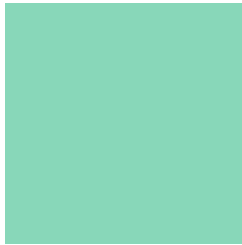
9.0227, 0.5443, 0.2772



0.5601, 0.4975, 0.2514

Previews

White Background



This preview shows how the Yxy color 57.3379, 0.2784, 0.3694 looks on a white background.

Color Contrast Check

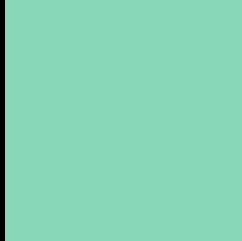
Large Text (above 18pt) WCAG AA × Fail

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 57.3379, 0.2784, 0.3694 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

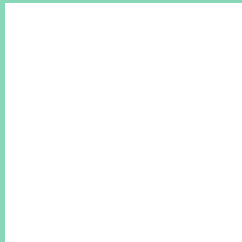
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3379, 0.2784, 0.3694

Background



This preview shows how black text looks on a background with the Yxy color 57.3379, 0.2784, 0.3694.



This preview shows how white text looks on a background with the Yxy color 57.3379, 0.2784, 0.3694.

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

57.3379, 0.2784, 0.3694

Protanopia

56.7882, 0.3365, 0.3555

Deuteranopia

56.7891, 0.3382, 0.3314



Tritanopia

57.2029, 0.2601, 0.3075

Trichromacy



Original Color

57.3379, 0.2784, 0.3694



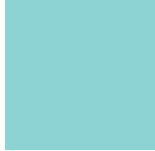
Protanomaly

56.2642, 0.3128, 0.3607



Deuteranomaly

55.8865, 0.3136, 0.3439



Tritanomaly

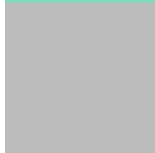
57.0425, 0.2664, 0.3289

Monochromacy



Original Color

57.3379, 0.2784, 0.3694



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

52.4110, 0.2982, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3379, 0.2784, 0.3694 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(136, 215, 185)` looks like.

```
.text, #text, p{  
    color:rgb(136, 215, 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(136, 215, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 215, 185) }
```

Border

The CSS property to change the border of an element to Yxy 57.3379, 0.2784, 0.3694 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(136, 215, 185) }
```

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

```
.border{ border-color:rgb(136, 215, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 215, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 215, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 215, 185); box-shadow:4px 4px 4px 4px rgb(136, 215, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3379, 0.2784, 0.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 215, 185) }
```

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

```
.background{ background-color: rgb(136,  
215, 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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