

Converting Colors

$Yxy(57.1337, 0.2806, 0.3893)$

Have a look what the booklet for
Yxy(57.1337, 0.2806, 0.3893)
contains.

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Color

Yxy(57.2320, 0.2809, 0.3896)

Conversions

Conversions Part 1

Format	Color
Hex	80D9AD
RGB	128, 217, 173
RGB Percent	50%, 85%, 68%
CMY	0.4978, 0.1490, 0.3216
CMYK	0.41, 0.00, 0.20, 0.15
HSL	150°, 54%, 68%
HSV	150°, 41%, 85%
XYZ	41.2640, 57.2320, 48.4033
YIQ	185.3730, -38.9200, -32.5520

Conversions

Conversions Part 2

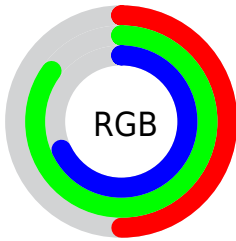
Format	Color
RYB	128, 187, 217
Decimal	8444333
CIELab	80.31, -36.53, 13.41
CIELCh	80, 38.913, 159.839
Yxy	57.2320, 0.2809, 0.3896
Android (android.graphics.Color)	4286634413 (0xFF80D9AD)
YUV	185.3730, -6.0999, -50.3161
Hunter-Lab	75.6518, -35.0285, 15.0215

Details

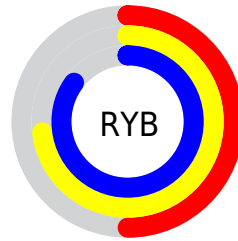
The Yxy color **57.2320, 0.2809, 0.3896** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **33.1870, 0.3645, 0.2762**, and the grayscale version is **48.7938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3118, 0.2856, 0.3587**, and **28.6376, 0.2717, 0.4070** is the 20% darker color. If you saturate the color by 10%, you get **55.3276, 0.2752, 0.4078**, and if you desaturate by 10%, it is **59.5343, 0.2877, 0.3726**.

Distribution



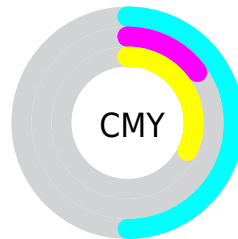
- Red (50%)
- Green (85%)
- Blue (68%)



- Red (50%)
- Yellow (73%)
- Blue (85%)



- Cyan (41%)
- Magenta (0%)
- Yellow (20%)
- Black (15%)





- Cyan (50%)
- Magenta (15%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2320, 0.2809, 0.3896 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 57.2320, 0.2809, 0.3896 by changing the saturation by 10% instead.


 57.2320, 0.2809,
0.3896


 57.2320, 0.2809,
0.3896

414.3181, 0.2968,
0.3591

 41.1915, 0.2769,
0.3973


 100.8036, 0.2867,
0.3785

 28.4688, 0.2718,
0.4071


 129.1036, 0.2889,
0.3743

 18.6793, 0.2650,
0.4203


 162.2588, 0.2907,
0.3708

 11.4388, 0.2556,
0.4386

200.6537, 0.2923,
0.3678

 6.3628, 0.2416,
0.4661

244.6727, 0.2936,
0.3652

 3.0669, 0.2189,
0.5111

294.7002, 0.2948,

 1.1668, 0.1160,

0.3629

0.7008

351.1205, 0.2959,
0.3609

■ 0.0343, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2320, 0.2809,
0.3896

■ 57.2320, 0.2809,
0.3896

■ 55.3276, 0.2752,
0.4078

■ 59.5343, 0.2877,
0.3726

■ 53.7903, 0.2710,
0.4268


■ 62.2493, 0.2953,
0.3570

■ 52.5956, 0.2686,
0.4463


■ 65.3997, 0.3035,
0.3429


■ 51.7132, 0.2681,
0.4658

■ 69.0042, 0.3119,
0.3302


 51.1069, 0.2697,
0.4846

 73.0806, 0.3203,
0.3189

 50.7411, 0.2724,
0.5007

 77.0219, 0.3263,
0.3088

 77.6698, 0.3190,
0.2985

 78.1033, 0.3145,
0.2920

Harmonies

Analogous

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



57.2320, 0.3303, 0.4184



57.2320, 0.2809, 0.3896



57.2320, 0.2421, 0.3406

Triad

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



57.2320, 0.2809, 0.3896



57.2320, 0.2475, 0.2483



57.2320, 0.4124, 0.3522

Complementary

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



57.2320, 0.2809, 0.3896



33.1870, 0.3645, 0.2762

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.



57.2320, 0.3869, 0.3123



57.2320, 0.2809, 0.3896



57.2320, 0.2888, 0.2550

Square

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



57.2320, 0.2809, 0.3896



57.2320, 0.2244, 0.2605



57.2320, 0.3402, 0.2779



57.2320, 0.4081, 0.3903

Rectangle

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



57.2320, 0.2809, 0.3896



57.2320, 0.2266, 0.3074



57.2320, 0.3402, 0.2779



57.2320, 0.4070, 0.3387

Sweetspot

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



57.2343, 0.2809, 0.3896



93.7142, 0.3026, 0.3444



60.0142, 0.3384, 0.4430



19.9248, 0.3015, 0.3462



0.0000, 0.0000, 0.0000



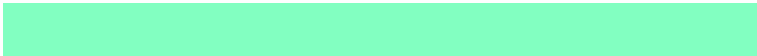
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2343, 0.2809, 0.3896



80.1280, 0.2760, 0.4049



59.2269, 0.2568, 0.3288



14.7155, 0.3048, 0.3408



30.7389, 0.2717, 0.4982



2.0088, 0.2635, 0.4686

Inverse Universe

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



33.1870, 0.3645, 0.2762



41.0387, 0.3804, 0.2658



31.7662, 0.4172, 0.3293



13.1584, 0.3215, 0.3175



9.5985, 0.4972, 0.2512



0.6392, 0.4608, 0.2312

Previews

White Background



This preview shows how the Yxy color 57.2320, 0.2809, 0.3896 looks on a white background.

Color Contrast Check

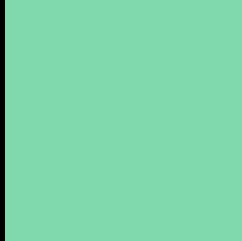
Large Text (above 18pt) WCAG AA × Fail

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 57.2320, 0.2809, 0.3896 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

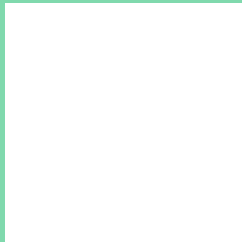
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2320, 0.2809, 0.3896

Background



This preview shows how black text looks on a background with the Yxy color 57.2320, 0.2809, 0.3896.

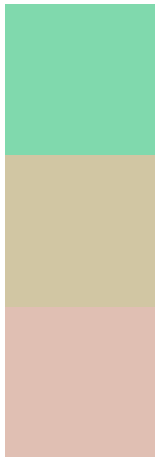


This preview shows how white text looks on a background with the Yxy color 57.2320, 0.2809, 0.3896.

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

57.2320, 0.2809, 0.3896

Protanopia

56.5878, 0.3483, 0.3712

Deuteranopia

56.3636, 0.3499, 0.3429



Tritanopia

57.3020, 0.2569, 0.3074

Trichromacy



Original Color

57.2320, 0.2809, 0.3896



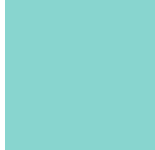
Protanomaly

56.1560, 0.3204, 0.3777



Deuteranomaly

55.3017, 0.3208, 0.3579



Tritanomaly

57.3277, 0.2655, 0.3367

Monochromacy



Original Color

57.2320, 0.2809, 0.3896



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

51.1612, 0.2986, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2320, 0.2809, 0.3896 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(128, 217, 173)` looks like.

```
.text, #text, p{  
    color:rgb(128, 217, 173)  
}
```

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(128, 217, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 217, 173) }
```

Border

The CSS property to change the border of an element to Yxy 57.2320, 0.2809, 0.3896 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(128, 217, 173) }
```

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

```
.border{ border-color:rgb(128, 217, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 217, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 217, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 217, 173);  
box-shadow:4px 4px 4px 4px rgb(128, 217,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2320, 0.2809, 0.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 217, 173) }
```

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

```
.background{ background-color: rgb(128,  
217, 173) }
```

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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