

Converting Colors

$Yxy(58.1887, 0.2752, 0.3873)$

Have a look what the booklet for
Yxy(58.1887, 0.2752, 0.3873)
contains.

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Color

Yxy(57.9023, 0.2750, 0.3869)

Conversions

Conversions Part 1

Format	Color
Hex	79DBB1
RGB	121, 219, 177
RGB Percent	47%, 86%, 69%
CMY	0.5253, 0.1412, 0.3059
CMYK	0.45, 0.00, 0.19, 0.14
HSL	154°, 58%, 67%
HSV	154°, 45%, 86%
XYZ	41.1557, 57.9023, 50.5990
YIQ	184.9100, -44.9260, -33.8380

Conversions

Conversions Part 2

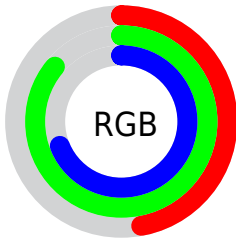
Format	Color
RYB	121, 183, 219
Decimal	7986097
CIELab	80.68, -38.47, 11.78
CIELCh	81, 40.238, 162.972
Yxy	57.9023, 0.2750, 0.3869
Android (android.graphics.Color)	4286176177 (0xFF79DBB1)
YUV	184.9100, -3.8996, -56.0491
Hunter-Lab	76.0936, -36.6209, 13.8401

Details

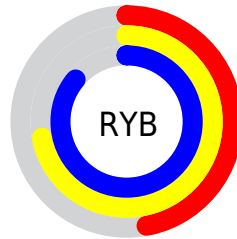
The Yxy color **57.9023, 0.2750, 0.3869** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **31.3897, 0.3792, 0.2789**, and the grayscale version is **48.5095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8682, 0.2799, 0.3532**, and **28.7396, 0.2647, 0.4036** is the 20% darker color. If you saturate the color by 10%, you get **56.1357, 0.2692, 0.4028**, and if you desaturate by 10%, it is **60.0585, 0.2821, 0.3719**.

Distribution



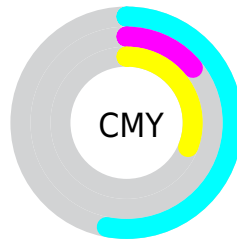
- Red (47%)
- Green (86%)
- Blue (69%)



- Red (47%)
- Yellow (72%)
- Blue (86%)



- Cyan (45%)
- Magenta (0%)
- Yellow (19%)
- Black (14%)





- Cyan (53%)
- Magenta (14%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9023, 0.2750, 0.3869 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 57.9023, 0.2750, 0.3869 by changing the saturation by 10% instead.

 57.9023, 0.2750,
0.3869

 57.9023, 0.2750,
0.3869


416.8218, 0.2937,
0.3579


 41.7301, 0.2704,
0.3941


 101.7806, 0.2817,
0.3764

 28.8900, 0.2645,
0.4035


 130.2554, 0.2843,
0.3724

 18.9976, 0.2568,
0.4158


 163.6000, 0.2864,
0.3690

 11.6686, 0.2462,
0.4331

202.1986, 0.2883,
0.3662

 6.5184, 0.2307,
0.4587

246.4357, 0.2899,
0.3637

 3.1628, 0.2061,
0.5004

296.6957, 0.2913,

 1.2173, 0.0991,

0.3615

0.6522

353.3629, 0.2926,
0.3596

0.0758, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.9023, 0.2750,
0.3869

57.9023, 0.2750,
0.3869

56.1357, 0.2692,
0.4028

60.0585, 0.2821,
0.3719

54.7266, 0.2651,
0.4193


62.6201, 0.2902,
0.3581


53.6490, 0.2629,
0.4362


65.6104, 0.2990,
0.3454

52.8702, 0.2627,
0.4530

69.0488, 0.3083,
0.3340


 52.3506, 0.2645,
0.4693

 72.9538, 0.3177,
0.3238

 52.1460, 0.2660,
0.4777

 77.3425, 0.3271,
0.3147

 78.3774, 0.3225,
0.3056

 78.9585, 0.3163,
0.2967

 79.1428, 0.3144,
0.2940

Harmonies

Analogous

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



57.9023, 0.3252, 0.4197



57.9023, 0.2750, 0.3869



57.9023, 0.2369, 0.3353

Triad

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



57.9023, 0.2750, 0.3869



57.9023, 0.2493, 0.2460



57.9023, 0.4164, 0.3570

Complementary

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



57.9023, 0.2750, 0.3869



31.3897, 0.3792, 0.2789

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.



57.9023, 0.3932, 0.3159



57.9023, 0.2750, 0.3869



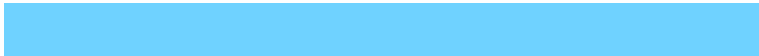
57.9023, 0.2932, 0.2548

Square

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



57.9023, 0.2750, 0.3869



57.9023, 0.2235, 0.2563



57.9023, 0.3465, 0.2797



57.9023, 0.4086, 0.3954

Rectangle

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



57.9023, 0.2750, 0.3869



57.9023, 0.2226, 0.3017



57.9023, 0.3465, 0.2797



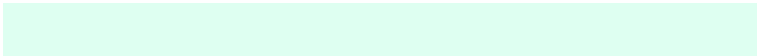
57.9023, 0.4120, 0.3431

Sweetspot

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



57.9046, 0.2750, 0.3869



93.3640, 0.3005, 0.3435



59.8823, 0.3353, 0.4564



19.7662, 0.2985, 0.3462



0.0000, 0.0000, 0.0000



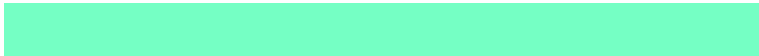
21.4041, 0.3127, 0.3290

Same Dimension

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



57.9046, 0.2750, 0.3869



79.3063, 0.2694, 0.4023



56.5038, 0.2513, 0.3203



14.7303, 0.3039, 0.3392



30.9426, 0.2654, 0.4753



2.0218, 0.2581, 0.4490

Inverse Universe

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



31.3897, 0.3792, 0.2789



37.2008, 0.4016, 0.2692



31.7674, 0.4281, 0.3372



13.1438, 0.3225, 0.3190



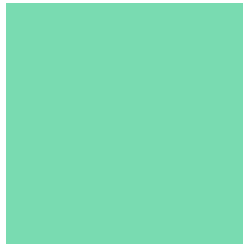
9.4290, 0.5249, 0.2665



0.6279, 0.4835, 0.2437

Previews

White Background



This preview shows how the Yxy color 57.9023, 0.2750, 0.3869 looks on a white background.

Color Contrast Check

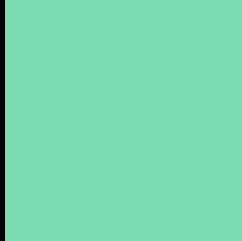
Large Text (above 18pt) WCAG AA × Fail

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 57.9023, 0.2750, 0.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

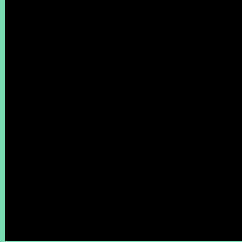
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9023, 0.2750, 0.3869

Background



This preview shows how black text looks on a background with the Yxy color 57.9023, 0.2750, 0.3869.



This preview shows how white text looks on a background with the Yxy color 57.9023, 0.2750, 0.3869.

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

57.9023, 0.2750, 0.3869

Protanopia

57.3385, 0.3458, 0.3673

Deuteranopia

56.9655, 0.3464, 0.3394



Tritanopia

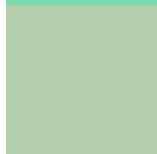
57.8124, 0.2526, 0.3073

Trichromacy



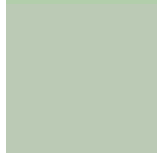
Original Color

57.9023, 0.2750, 0.3869



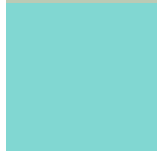
Protanomaly

56.5479, 0.3159, 0.3739



Deuteranomaly

56.1421, 0.3161, 0.3553



Tritanomaly

57.9211, 0.2605, 0.3354

Monochromacy



Original Color

57.9023, 0.2750, 0.3869



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

50.9913, 0.2964, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9023, 0.2750, 0.3869 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(121, 219, 177)` looks like.

```
.text, #text, p{  
    color:rgb(121, 219, 177)  
}
```

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(121, 219, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 219, 177) }
```

Border

The CSS property to change the border of an element to Yxy 57.9023, 0.2750, 0.3869 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(121, 219, 177) }
```

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

```
.border{ border-color:rgb(121, 219, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 219, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 219, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 219, 177);  
box-shadow:4px 4px 4px 4px rgb(121, 219,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9023, 0.2750, 0.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 219, 177) }
```

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

```
.background{ background-color: rgb(121,  
219, 177) }
```

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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