

Converting Colors

Yxy(58.0772, 0.2884, 0.4094)

Have a look what the booklet for
Yxy(58.0772, 0.2884, 0.4094)
contains.

Yxy(57.9034, 0.2885, 0.4093)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(57.9034, 0.2885, 0.4093)

Conversions

Conversions Part 1

Format	Color
Hex	81DBA1
RGB	129, 219, 161
RGB Percent	51%, 86%, 63%
CMY	0.4943, 0.1411, 0.3685
CMYK	0.41, 0.00, 0.26, 0.14
HSL	141°, 56%, 68%
HSV	141°, 41%, 86%
XYZ	40.8139, 57.9034, 42.7520
YIQ	185.4780, -35.0220, -37.1180

Conversions

Conversions Part 2

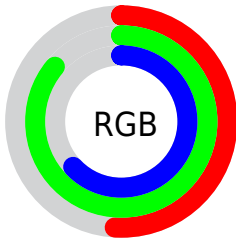
Format	Color
RYB	129, 195, 219
Decimal	8510369
CIELab	80.69, -39.53, 20.25
CIELCh	81, 44.411, 152.878
Yxy	57.9034, 0.2885, 0.4093
Android (android.graphics.Color)	4286700449 (0xFF81DBA1)
YUV	185.4780, -12.0677, -49.5312
Hunter-Lab	76.0943, -37.4248, 19.9551

Details

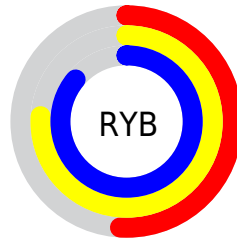
The Yxy color **57.9034, 0.2885, 0.4093** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **34.3359, 0.3499, 0.2610**, and the grayscale version is **48.8754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7922, 0.2924, 0.3724**, and **28.7544, 0.2811, 0.4326** is the 20% darker color. If you saturate the color by 10%, you get **55.9014, 0.2842, 0.4334**, and if you desaturate by 10%, it is **60.3338, 0.2937, 0.3867**.

Distribution



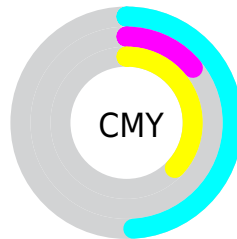
- Red (51%)
- Green (86%)
- Blue (63%)



- Red (51%)
- Yellow (76%)
- Blue (86%)



- Cyan (41%)
- Magenta (0%)
- Yellow (26%)
- Black (14%)




- Cyan (49%)
- Magenta (14%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9034, 0.2885, 0.4093 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 57.9034, 0.2885, 0.4093 by changing the saturation by 10% instead.


 57.9034, 0.2885,
0.4093

 57.9034, 0.2885,
0.4093


416.8259, 0.3012,
0.3686

 41.7310, 0.2852,
0.4196


 101.7822, 0.2932,
0.3944

 28.8907, 0.2808,
0.4329


 130.2573, 0.2950,
0.3888

 18.9982, 0.2748,
0.4507


 163.6022, 0.2964,
0.3841

 11.6689, 0.2663,
0.4756

202.2012, 0.2977,
0.3801

 6.5187, 0.2530,
0.5129

246.4386, 0.2987,
0.3766

 3.1630, 0.2300,
0.5736

296.6990, 0.2997,

 1.2174, 0.1158,

0.3736

0.8842

353.3666, 0.3005,
0.3709

■ 0.0758, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9034, 0.2885,
0.4093

■ 57.9034, 0.2885,
0.4093

■ 55.9014, 0.2842,
0.4334

■ 60.3338, 0.2937,
0.3867

■ 54.2950, 0.2812,
0.4584


■ 63.2088, 0.2995,
0.3660


■ 53.0583, 0.2798,
0.4834


■ 66.5524, 0.3057,
0.3474

■ 52.1588, 0.2802,
0.5076

■ 70.3848, 0.3120,
0.3307

 51.5581, 0.2823,
0.5297

 74.7250, 0.3183,
0.3161

 51.2180, 0.2853,
0.5471

 78.5598, 0.3206,
0.3029

 79.1482, 0.3144,
0.2940

Harmonies

Analogous

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



57.9034, 0.3450, 0.4340



57.9034, 0.2885, 0.4093



57.9034, 0.2412, 0.3557

Triad

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



57.9034, 0.2885, 0.4093



57.9034, 0.2313, 0.2395



57.9034, 0.4223, 0.3436

Complementary

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



57.9034, 0.2885, 0.4093



34.3359, 0.3499, 0.2610

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.



57.9034, 0.3862, 0.3000



57.9034, 0.2885, 0.4093



57.9034, 0.2731, 0.2427

Square

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



57.9034, 0.2885, 0.4093



57.9034, 0.2110, 0.2577



57.9034, 0.3297, 0.2643



57.9034, 0.4249, 0.3877

Rectangle

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



57.9034, 0.2885, 0.4093



57.9034, 0.2206, 0.3164



57.9034, 0.3297, 0.2643



57.9034, 0.4137, 0.3286

Sweetspot

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



57.9058, 0.2885, 0.4093



93.4465, 0.3051, 0.3491



62.8788, 0.3489, 0.4396



19.8619, 0.3043, 0.3515



0.0000, 0.0000, 0.0000



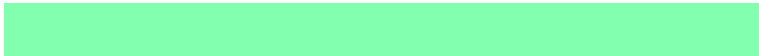
21.4041, 0.3127, 0.3290

Same Dimension

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



57.9058, 0.2885, 0.4093



79.3469, 0.2849, 0.4292



59.7639, 0.2636, 0.3466



14.6825, 0.3068, 0.3444



30.3857, 0.2846, 0.5444



1.9846, 0.2753, 0.5109

Inverse Universe

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



34.3359, 0.3499, 0.2610



41.9172, 0.3604, 0.2480



32.7174, 0.4014, 0.3129



13.1920, 0.3192, 0.3141



10.0922, 0.4356, 0.2174



0.6700, 0.4121, 0.2044

Previews

White Background



This preview shows how the Yxy color 57.9034, 0.2885, 0.4093 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 57.9034, 0.2885, 0.4093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

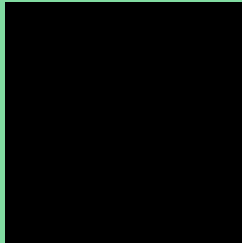
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9034, 0.2885, 0.4093

Background



This preview shows how black text looks on a background with the Yxy color 57.9034, 0.2885, 0.4093.



This preview shows how white text looks on a background with the Yxy color 57.9034, 0.2885, 0.4093.

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

57.9034, 0.2885, 0.4093

Protanopia

57.2600, 0.3599, 0.3850

Deuteranopia

57.3123, 0.3647, 0.3575



Tritanopia

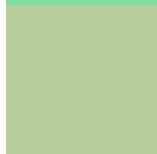
57.5685, 0.2586, 0.3075

Trichromacy



Original Color

57.9034, 0.2885, 0.4093



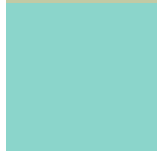
Protanomaly

56.4543, 0.3303, 0.3944



Deuteranomaly

56.2951, 0.3326, 0.3752



Tritanomaly

57.3893, 0.2695, 0.3420

Monochromacy



Original Color

57.9034, 0.2885, 0.4093



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

51.0664, 0.3029, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9034, 0.2885, 0.4093 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(129, 219, 161)` looks like.

```
.text, #text, p{  
    color:rgb(129, 219, 161)  
}
```

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(129, 219, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 219, 161) }
```

Border

The CSS property to change the border of an element to Yxy 57.9034, 0.2885, 0.4093 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(129, 219, 161) }
```

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

```
.border{ border-color:rgb(129, 219, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 219, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 219, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 219, 161);  
box-shadow:4px 4px 4px 4px rgb(129, 219,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9034, 0.2885, 0.4093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 219, 161) }
```

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

```
.background{ background-color: rgb(129,  
219, 161) }
```

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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