

Converting Colors

$Yxy(50.5769, 0.2881, 0.3510)$

Have a look what the booklet for
Yxy(50.5769, 0.2881, 0.3510)
contains.

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Color

Yxy(50.8036, 0.2885, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	97C7B6
RGB	151, 199, 182
RGB Percent	59%, 78%, 71%
CMY	0.4079, 0.2196, 0.2863
CMYK	0.24, 0.00, 0.09, 0.22
HSL	159°, 30%, 69%
HSV	159°, 24%, 78%
XYZ	41.6269, 50.8036, 51.8569
YIQ	182.7100, -23.1510, -15.4630

Conversions

Conversions Part 2

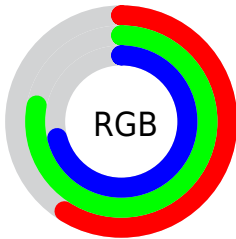
Format	Color
RYB	151, 180, 199
Decimal	9947062
CIELab	76.56, -19.26, 3.40
CIElCh	77, 19.556, 169.991
Yxy	50.8036, 0.2885, 0.3521
Android (android.graphics.Color)	4288137142 (0xFF97C7B6)
YUV	182.7100, -0.3500, -27.8097
Hunter-Lab	71.2766, -20.4867, 6.7576

Details

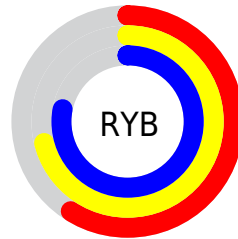
The Yxy color **50.8036, 0.2885, 0.3521** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.1030, 0.3451, 0.3071**, and the grayscale version is **47.1981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8149, 0.2927, 0.3468**, and **24.4884, 0.2820, 0.3590** is the 20% darker color. If you saturate the color by 10%, you get **48.7752, 0.2795, 0.3633**, and if you desaturate by 10%, it is **53.1723, 0.2982, 0.3418**.

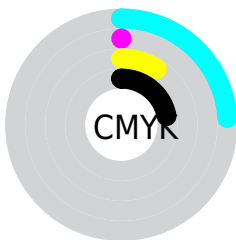
Distribution



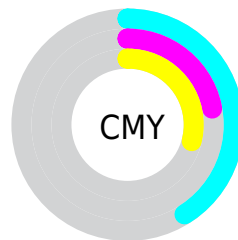
- Red (59%)
- Green (78%)
- Blue (71%)



- Red (59%)
- Yellow (71%)
- Blue (78%)



- Cyan (24%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)




- Cyan (41%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8036, 0.2885, 0.3521 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 50.8036, 0.2885, 0.3521 by changing the saturation by 10% instead.


 50.8036, 0.2885,
0.3521

 50.8036, 0.2885,
0.3521


389.8002, 0.3005,
0.3406

 36.0523, 0.2855,
0.3550


 91.3644, 0.2928,
0.3479

 24.4746, 0.2817,
0.3587


 117.9427, 0.2945,
0.3463

 15.6861, 0.2767,
0.3636


149.2322, 0.2959,
0.3450

 9.3023, 0.2698,
0.3705

185.6171, 0.2971,
0.3439

 4.9389, 0.2595,
0.3808

227.4820, 0.2981,
0.3429

 2.2114, 0.2429,
0.3979

275.2113, 0.2990,

 0.7262, 0.1468,

0.3420

0.4843

329.1892, 0.2998,
0.3412

0.0000, 0.0000,
0.0000

50.8036, 0.2885,
0.3521

50.8036, 0.2885,
0.3521

48.7752, 0.2795,
0.3633

53.1723, 0.2982,
0.3418

47.0645, 0.2716,
0.3753

55.8902, 0.3084,
0.3326

45.6557, 0.2651,
0.3881

58.9736, 0.3189,
0.3242

44.5295, 0.2602,
0.4014

62.4361, 0.3293,
0.3168

43.6638, 0.2572,
0.4151

66.2903, 0.3397,
0.3102

■ 43.0335, 0.2562,
0.4287

■ 67.5097, 0.3378,
0.3034

■ 42.6080, 0.2572,
0.4423

■ 67.9014, 0.3325,
0.2965

■ 42.4201, 0.2584,
0.4501

■ 68.3091, 0.3272,
0.2897

■ 68.7332, 0.3221,
0.2830

Harmonies

Analogous

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



50.8036, 0.3140, 0.3706



50.8036, 0.2885, 0.3521



50.8036, 0.2699, 0.3272

Triad

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



50.8036, 0.2885, 0.3521



50.8036, 0.2847, 0.2850



50.8036, 0.3656, 0.3505

Complementary

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



50.8036, 0.2885, 0.3521



37.1030, 0.3451, 0.3071

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.



50.8036, 0.3572, 0.3283



50.8036, 0.2885, 0.3521



50.8036, 0.3096, 0.2917

Square

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



50.8036, 0.2885, 0.3521



50.8036, 0.2678, 0.2891



50.8036, 0.3364, 0.3072



50.8036, 0.3591, 0.3683

Rectangle

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



50.8036, 0.2885, 0.3521



50.8036, 0.2636, 0.3111



50.8036, 0.3364, 0.3072



50.8036, 0.3645, 0.3433

Sweetspot

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



50.8057, 0.2885, 0.3521



96.3693, 0.3054, 0.3352



51.4753, 0.3234, 0.3937



20.5632, 0.3047, 0.3358



0.0000, 0.0000, 0.0000



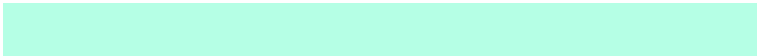
21.4041, 0.3127, 0.3290

Same Dimension

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



50.8057, 0.2885, 0.3521



86.9944, 0.2836, 0.3579



48.6686, 0.2768, 0.3203



12.0012, 0.3030, 0.3373



27.2921, 0.2579, 0.4483



1.3057, 0.2501, 0.4203

Inverse Universe

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



37.1030, 0.3451, 0.3071



58.8465, 0.3545, 0.3020



38.6260, 0.3606, 0.3375



10.6980, 0.3235, 0.3208



8.1119, 0.5536, 0.2823



0.3979, 0.4953, 0.2502

Previews

White Background



This preview shows how the Yxy color 50.8036, 0.2885, 0.3521 looks on a white background.

Color Contrast Check

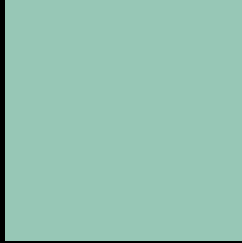
Large Text (above 18pt) WCAG AA × Fail

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 50.8036, 0.2885, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

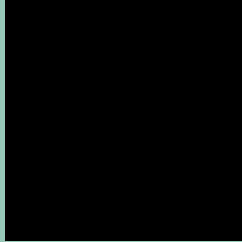
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

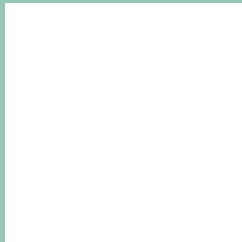
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8036, 0.2885, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 50.8036, 0.2885, 0.3521.



This preview shows how white text looks on a background with the Yxy color 50.8036, 0.2885, 0.3521.

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

50.8036, 0.2885, 0.3521

Protanopia

50.7031, 0.3280, 0.3441

Deuteranopia

50.2241, 0.3319, 0.3254



Tritanopia

50.8515, 0.2742, 0.3095

Trichromacy



Original Color

50.8036, 0.2885, 0.3521

Protanomaly

50.4973, 0.3127, 0.3472

Deuteranomaly

49.9919, 0.3150, 0.3341

Tritanomaly

50.6185, 0.2793, 0.3236

Monochromacy



Original Color

50.8036, 0.2885, 0.3521

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.4720, 0.3026, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8036, 0.2885, 0.3521 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(151, 199, 182)` looks like.

```
.text, #text, p{  
    color:rgb(151, 199, 182)  
}
```

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(151, 199, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 199, 182) }
```

Border

The CSS property to change the border of an element to Yxy 50.8036, 0.2885, 0.3521 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(151, 199, 182) }
```

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

```
.border{ border-color:rgb(151, 199, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 199, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 199, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 199, 182);  
box-shadow:4px 4px 4px 4px rgb(151, 199,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8036, 0.2885, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 199, 182) }
```

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

```
.background{ background-color: rgb(151,  
199, 182) }
```

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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