

Converting Colors

$Yxy(50.7011, 0.2878, 0.3542)$

Have a look what the booklet for
Yxy(50.7011, 0.2878, 0.3542)
contains.

Yxy(50.5726, 0.2877, 0.3536)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.5726, 0.2877, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	95C7B5
RGB	149, 199, 181
RGB Percent	58%, 78%, 71%
CMY	0.4160, 0.2195, 0.2902
CMYK	0.25, 0.00, 0.09, 0.22
HSL	158°, 31%, 68%
HSV	158°, 25%, 78%
XYZ	41.1474, 50.5726, 51.3020
YIQ	181.9980, -24.0220, -16.1980

Conversions

Conversions Part 2

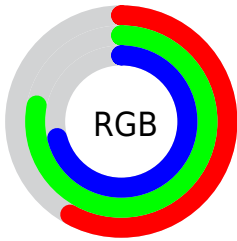
Format	Color
RYB	149, 179, 199
Decimal	9815989
CIELab	76.42, -20.12, 3.72
CIELCh	76, 20.456, 169.535
Yxy	50.5726, 0.2877, 0.3536
Android (android.graphics.Color)	4288006069 (0xFF95C7B5)
YUV	181.9980, -0.4920, -28.9392
Hunter-Lab	71.1144, -21.1685, 7.0082

Details

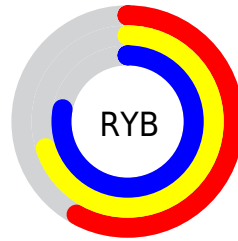
The Yxy color **50.5726, 0.2877, 0.3536** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.4059, 0.3466, 0.3058**, and the grayscale version is **46.7837, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4718, 0.2921, 0.3480**, and **24.3507, 0.2811, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **48.5745, 0.2789, 0.3651**, and if you desaturate by 10%, it is **52.9098, 0.2973, 0.3431**.

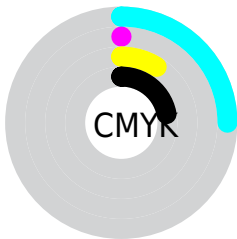
Distribution



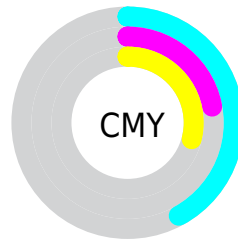
- Red (58%)
- Green (78%)
- Blue (71%)



- Red (58%)
- Yellow (70%)
- Blue (78%)



- Cyan (25%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)



- Cyan (42%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.5726, 0.2877, 0.3536 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 50.5726, 0.2877, 0.3536 by changing the saturation by 10% instead.

■ 50.5726, 0.2877,
0.3536

■ 50.5726, 0.2877,
0.3536

388.9010, 0.3001,
0.3413

■ 35.8686, 0.2846,
0.3567

■ 91.0227, 0.2922,
0.3491

■ 24.3327, 0.2807,
0.3606

■ 117.5375, 0.2939,
0.3474

■ 15.5806, 0.2755,
0.3659

148.7581, 0.2953,
0.3460

■ 9.2279, 0.2683,
0.3733

185.0689, 0.2966,
0.3448

■ 4.8901, 0.2576,
0.3844

226.8541, 0.2976,
0.3437

■ 2.1829, 0.2402,
0.4029

274.4983, 0.2986,

■ 0.7107, 0.1309,

0.3428

0.5043

328.3858, 0.2994,
0.3420

0.0000, 0.0000,
0.0000

50.5726, 0.2877,
0.3536

50.5726, 0.2877,
0.3536

48.5745, 0.2789,
0.3651

52.9098, 0.2973,
0.3431

46.8927, 0.2712,
0.3774

55.5953, 0.3074,
0.3335

45.5114, 0.2648,
0.3904

58.6453, 0.3177,
0.3250

44.4109, 0.2602,
0.4040

62.0735, 0.3281,
0.3174

43.5690, 0.2574,
0.4179

65.8927, 0.3384,
0.3106

■ 42.9600, 0.2567,
0.4318

■ 67.4964, 0.3381,
0.3038

■ 42.5525, 0.2579,
0.4455

■ 67.8934, 0.3327,
0.2967

■ 42.3983, 0.2589,
0.4520

■ 68.3069, 0.3273,
0.2898

■ 68.7371, 0.3221,
0.2830

Harmonies

Analogous

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



50.5726, 0.3144, 0.3728



50.5726, 0.2877, 0.3536



50.5726, 0.2682, 0.3274

Triad

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



50.5726, 0.2877, 0.3536



50.5726, 0.2830, 0.2830



50.5726, 0.3681, 0.3510

Complementary

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



50.5726, 0.2877, 0.3536



36.4059, 0.3466, 0.3058

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.



50.5726, 0.3591, 0.3279



50.5726, 0.2877, 0.3536



50.5726, 0.3090, 0.2898

Square

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



50.5726, 0.2877, 0.3536



50.5726, 0.2656, 0.2874



50.5726, 0.3371, 0.3059



50.5726, 0.3615, 0.3699

Rectangle

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



50.5726, 0.2877, 0.3536



50.5726, 0.2615, 0.3105



50.5726, 0.3371, 0.3059



50.5726, 0.3669, 0.3435

Sweetspot

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



50.5747, 0.2877, 0.3536



95.8702, 0.3044, 0.3363



51.2715, 0.3239, 0.3968



20.3640, 0.3028, 0.3377



0.0000, 0.0000, 0.0000



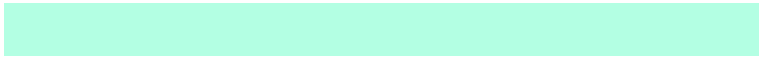
21.4041, 0.3127, 0.3290

Same Dimension

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



50.5747, 0.2877, 0.3536



86.6158, 0.2829, 0.3595



48.3566, 0.2753, 0.3199



12.0002, 0.3031, 0.3374



27.2742, 0.2584, 0.4502



1.3049, 0.2505, 0.4218

Inverse Universe

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



36.4059, 0.3466, 0.3058



57.7582, 0.3560, 0.3006



37.9581, 0.3632, 0.3379



10.6990, 0.3234, 0.3207



8.1208, 0.5515, 0.2812



0.3984, 0.4935, 0.2493

Previews

White Background



This preview shows how the Yxy color 50.5726, 0.2877, 0.3536 looks on a white background.

Color Contrast Check

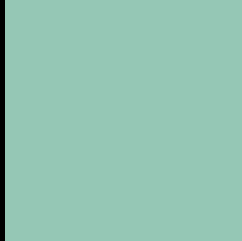
Large Text (above 18pt) WCAG AA × Fail

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 50.5726, 0.2877, 0.3536 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

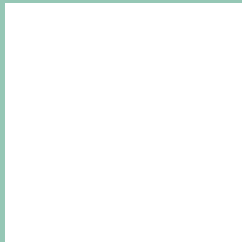
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5726, 0.2877, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 50.5726, 0.2877, 0.3536.



This preview shows how white text looks on a background with the Yxy color 50.5726, 0.2877, 0.3536.

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

50.5726, 0.2877, 0.3536

Protanopia

50.1051, 0.3281, 0.3442

Deuteranopia

50.2241, 0.3319, 0.3254



Tritanopia

50.6519, 0.2728, 0.3094

Trichromacy



Original Color

50.5726, 0.2877, 0.3536

Protanomaly

49.9009, 0.3127, 0.3473

Deuteranomaly

49.8662, 0.3141, 0.3341

Tritanomaly

50.3757, 0.2785, 0.3249

Monochromacy



Original Color

50.5726, 0.2877, 0.3536

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.8899, 0.3026, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5726, 0.2877, 0.3536 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(149, 199, 181)` looks like.

```
.text, #text, p{  
    color:rgb(149, 199, 181)  
}
```

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(149, 199, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 199, 181) }
```

Border

The CSS property to change the border of an element to Yxy 50.5726, 0.2877, 0.3536 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(149, 199, 181) }
```

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

```
.border{ border-color:rgb(149, 199, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 199, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 199, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 199, 181);  
box-shadow:4px 4px 4px 4px rgb(149, 199,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5726, 0.2877, 0.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 199, 181) }
```

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

```
.background{ background-color: rgb(149,  
199, 181) }
```

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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