

Converting Colors

Yxy(53.1134, 0.3011, 0.3526)

Have a look what the booklet for
Yxy(53.1134, 0.3011, 0.3526)
contains.

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Color

Yxy(53.0108, 0.3009, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	A8C8B6
RGB	168, 200, 182
RGB Percent	66%, 78%, 71%
CMY	0.3413, 0.2156, 0.2863
CMYK	0.16, 0.00, 0.09, 0.22
HSL	146°, 23%, 72%
HSV	146°, 16%, 78%
XYZ	45.2381, 53.0108, 52.0937
YIQ	188.3800, -13.2940, -12.3820

Conversions

Conversions Part 2

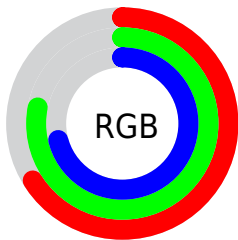
Format	Color
RYB	168, 190, 200
Decimal	11061430
CIELab	77.88, -14.28, 5.44
CIElCh	78, 15.278, 159.142
Yxy	53.0108, 0.3009, 0.3526
Android (android.graphics.Color)	4289251510 (0xFFA8C8B6)
YUV	188.3800, -3.1453, -17.8733
Hunter-Lab	72.8085, -16.5076, 8.5446

Details

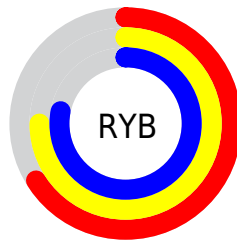
The Yxy color **53.0108, 0.3009, 0.3526** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.8168, 0.3266, 0.3065**, and the grayscale version is **50.5372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3810, 0.3027, 0.3463**, and **25.8558, 0.2981, 0.3595** is the 20% darker color. If you saturate the color by 10%, you get **50.5380, 0.2939, 0.3695**, and if you desaturate by 10%, it is **55.8631, 0.3082, 0.3374**.

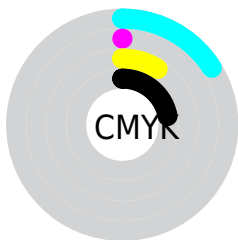
Distribution



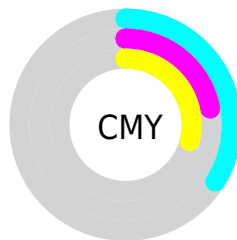
- Red (66%)
- Green (78%)
- Blue (71%)



- Red (66%)
- Yellow (75%)
- Blue (78%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)





- Cyan (34%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0108, 0.3009, 0.3526 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 53.0108, 0.3009, 0.3526 by changing the saturation by 10% instead.

 53.0108, 0.3009,
0.3526

 53.0108, 0.3009,
0.3526


398.3266, 0.3068,
0.3409

 37.8114, 0.2994,
0.3555


 94.6203, 0.3030,
0.3483

 25.8363, 0.2976,
0.3593


 121.7991, 0.3038,
0.3467

 16.7012, 0.2951,
0.3642


153.7399, 0.3045,
0.3454

 10.0217, 0.2916,
0.3712

190.8270, 0.3051,
0.3442

 5.4134, 0.2865,
0.3815

233.4448, 0.3056,
0.3432

 2.4918, 0.2781,
0.3984

281.9777, 0.3060,

 0.8725, 0.2500,

0.3423

0.4537

336.8102, 0.3064,
0.3416

0.0000, 0.0000,
0.0000

53.0108, 0.3009,
0.3526

53.0108, 0.3009,
0.3526

50.5380, 0.2939,
0.3695

55.8631, 0.3082,
0.3374

48.4216, 0.2874,
0.3881

59.1035, 0.3157,
0.3238

46.6466, 0.2818,
0.4082

62.7484, 0.3230,
0.3118

45.1938, 0.2774,
0.4295

66.8117, 0.3302,
0.3013

44.0424, 0.2746,
0.4514

68.7632, 0.3273,
0.2909

■ 43.1688, 0.2735,
0.4734

■ 69.4463, 0.3191,
0.2803

■ 42.5458, 0.2744,
0.4947

■ 69.7959, 0.3152,
0.2752

■ 42.1394, 0.2771,
0.5146

■ 42.0122, 0.2784,
0.5221

Harmonies

Analogous

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



53.0108, 0.3214, 0.3635



53.0108, 0.3009, 0.3526



53.0108, 0.2840, 0.3348

Triad

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



53.0108, 0.3009, 0.3526



53.0108, 0.2854, 0.2950



53.0108, 0.3523, 0.3399

Complementary

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



53.0108, 0.3009, 0.3526



43.8168, 0.3266, 0.3065

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.



53.0108, 0.3420, 0.3224



53.0108, 0.3009, 0.3526



53.0108, 0.3031, 0.2971

Square

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



53.0108, 0.3009, 0.3526



53.0108, 0.2752, 0.3016



53.0108, 0.3238, 0.3070



53.0108, 0.3515, 0.3553

Rectangle

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



53.0108, 0.3009, 0.3526



53.0108, 0.2768, 0.3220



53.0108, 0.3238, 0.3070



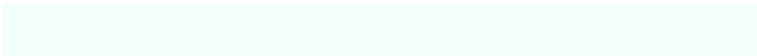
53.0108, 0.3500, 0.3341

Sweetspot

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



53.0130, 0.3009, 0.3526



97.2081, 0.3089, 0.3360



54.5963, 0.3251, 0.3698



20.7256, 0.3084, 0.3370



0.0000, 0.0000, 0.0000



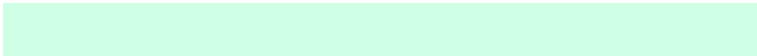
21.4041, 0.3127, 0.3290

Same Dimension

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



53.0130, 0.3009, 0.3526



90.3079, 0.2986, 0.3579



53.7080, 0.2901, 0.3317



11.9637, 0.3058, 0.3423



26.7255, 0.2776, 0.5195



1.2799, 0.2661, 0.4781

Inverse Universe

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



43.8168, 0.3266, 0.3065



71.5972, 0.3299, 0.3018



43.1779, 0.3408, 0.3264



10.7352, 0.3203, 0.3161



8.5770, 0.4679, 0.2351



0.4205, 0.4291, 0.2138

Previews

White Background



This preview shows how the Yxy color 53.0108, 0.3009, 0.3526 looks on a white background.

Color Contrast Check

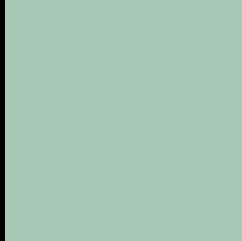
Large Text (above 18pt) WCAG AA × Fail

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 53.0108, 0.3009, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

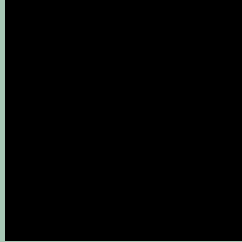
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

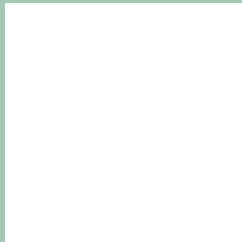
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0108, 0.3009, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 53.0108, 0.3009, 0.3526.



This preview shows how white text looks on a background with the Yxy color 53.0108, 0.3009, 0.3526.

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

53.0108, 0.3009, 0.3526

Protanopia

52.5780, 0.3302, 0.3464

Deuteranopia

52.7667, 0.3365, 0.3303



Tritanopia

53.0672, 0.2848, 0.3102

Trichromacy



Original Color

53.0108, 0.3009, 0.3526

Protanomaly

52.5296, 0.3191, 0.3480

Deuteranomaly

52.5926, 0.3230, 0.3377

Tritanomaly

52.7606, 0.2908, 0.3251

Monochromacy



Original Color

53.0108, 0.3009, 0.3526

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.0682, 0.3083, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0108, 0.3009, 0.3526 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(168, 200, 182)` looks like.

```
.text, #text, p{  
    color:rgb(168, 200, 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(168, 200, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 200, 182) }
```

Border

The CSS property to change the border of an element to Yxy 53.0108, 0.3009, 0.3526 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(168, 200, 182) }
```

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

```
.border{ border-color:rgb(168, 200, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 200, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 200, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 200, 182);  
box-shadow:4px 4px 4px 4px rgb(168, 200,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0108, 0.3009, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 200, 182) }
```

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

```
.background{ background-color: rgb(168,  
200, 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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