

Converting Colors

$Yxy(54.3514, 0.3022, 0.3585)$

Have a look what the booklet for
Yxy(54.3514, 0.3022, 0.3585)
contains.

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Color

Yxy(54.3320, 0.3023, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	A8CBB4
RGB	168, 203, 180
RGB Percent	66%, 80%, 71%
CMY	0.3410, 0.2040, 0.2941
CMYK	0.17, 0.00, 0.11, 0.20
HSL	141°, 25%, 73%
HSV	141°, 17%, 80%
XYZ	45.7509, 54.3320, 51.2597
YIQ	189.9130, -13.4770, -14.5730

Conversions

Conversions Part 2

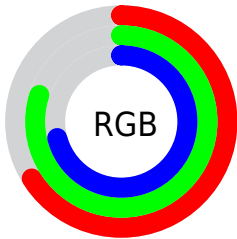
Format	Color
RYB	168, 194, 203
Decimal	11062196
CIELab	78.65, -16.14, 7.61
CIELCh	79, 17.847, 154.751
Yxy	54.3320, 0.3023, 0.3590
Android (android.graphics.Color)	4289252276 (0xFFA8CBB4)
YUV	189.9130, -4.8871, -19.2177
Hunter-Lab	73.7102, -18.2006, 10.3656

Details

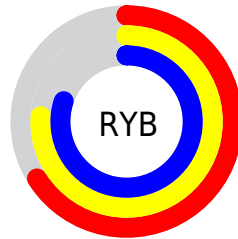
The Yxy color **54.3320, 0.3023, 0.3590** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.4822, 0.3249, 0.3008**, and the grayscale version is **51.4806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2641, 0.3039, 0.3484**, and **26.7402, 0.3000, 0.3683** is the 20% darker color. If you saturate the color by 10%, you get **51.7584, 0.2965, 0.3793**, and if you desaturate by 10%, it is **57.3105, 0.3083, 0.3408**.

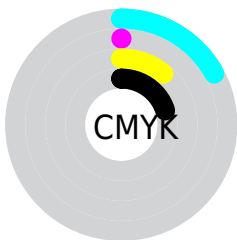
Distribution



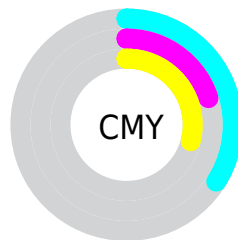
- Red (66%)
- Green (80%)
- Blue (71%)



- Red (66%)
- Yellow (76%)
- Blue (80%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)





- Cyan (34%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3320, 0.3023, 0.3590 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 54.3320, 0.3023, 0.3590 by changing the saturation by 10% instead.


 54.3320, 0.3023,
0.3590


 54.3320, 0.3023,
0.3590


403.3748, 0.3075,
0.3441

 38.8672, 0.3010,
0.3627


 96.5615, 0.3042,
0.3536

 26.6564, 0.2993,
0.3675

 124.0950, 0.3049,
0.3516

 17.3153, 0.2970,
0.3738


156.4202, 0.3055,
0.3498

 10.4596, 0.2939,
0.3826

193.9214, 0.3060,
0.3483

 5.7047, 0.2891,
0.3956

236.9831, 0.3065,
0.3471

 2.6664, 0.2813,
0.4170

285.9896, 0.3069,

 0.9601, 0.2599,

0.3459

0.4830

341.3254, 0.3072,
0.3450

0.0000, 0.0000,
0.0000

54.3320, 0.3023,
0.3590

54.3320, 0.3023,
0.3590

51.7584, 0.2965,
0.3793

57.3105, 0.3083,
0.3408

49.5651, 0.2912,
0.4015

60.7034, 0.3144,
0.3247

47.7356, 0.2867,
0.4254

64.5285, 0.3204,
0.3105

46.2494, 0.2832,
0.4505

68.8005, 0.3262,
0.2981

45.0838, 0.2812,
0.4760

70.6694, 0.3209,
0.2858

■ 44.2132, 0.2809,
0.5009

■ 71.1883, 0.3151,
0.2782

■ 43.6081, 0.2823,
0.5242

■ 43.2284, 0.2852,
0.5448

■ 43.1439, 0.2861,
0.5500

Harmonies

Analogous

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



54.3320, 0.3261, 0.3701



54.3320, 0.3023, 0.3590



54.3320, 0.2818, 0.3390

Triad

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



54.3320, 0.3023, 0.3590



54.3320, 0.2788, 0.2902



54.3320, 0.3577, 0.3385

Complementary

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



54.3320, 0.3023, 0.3590



44.4822, 0.3249, 0.3008

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.



54.3320, 0.3441, 0.3185



54.3320, 0.3023, 0.3590



54.3320, 0.2981, 0.2913

Square

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



54.3320, 0.3023, 0.3590



54.3320, 0.2687, 0.2991



54.3320, 0.3220, 0.3015



54.3320, 0.3586, 0.3570

Rectangle

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



54.3320, 0.3023, 0.3590



54.3320, 0.2726, 0.3239



54.3320, 0.3220, 0.3015



54.3320, 0.3544, 0.3318

Sweetspot

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



54.3343, 0.3023, 0.3590



97.1331, 0.3096, 0.3372



56.6585, 0.3289, 0.3727



20.7074, 0.3092, 0.3384



0.0000, 0.0000, 0.0000



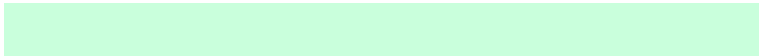
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3343, 0.3023, 0.3590



89.1555, 0.2999, 0.3670



55.0776, 0.2908, 0.3364



12.5993, 0.3070, 0.3446



27.4743, 0.2854, 0.5475



1.4316, 0.2741, 0.5067

Inverse Universe

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



44.4822, 0.3249, 0.3008



69.3387, 0.3283, 0.2938



43.7702, 0.3401, 0.3218



11.3360, 0.3189, 0.3139



9.1846, 0.4298, 0.2141



0.4877, 0.4033, 0.1995

Previews

White Background



This preview shows how the Yxy color 54.3320, 0.3023, 0.3590 looks on a white background.

Color Contrast Check

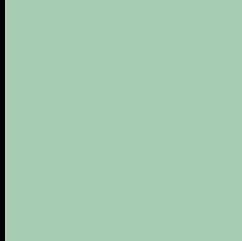
Large Text (above 18pt) WCAG AA × Fail

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 54.3320, 0.3023, 0.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

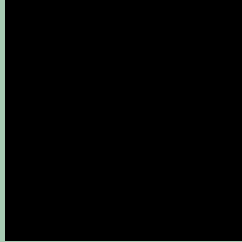
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

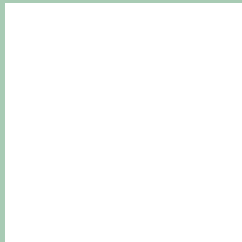
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3320, 0.3023, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 54.3320, 0.3023, 0.3590.



This preview shows how white text looks on a background with the Yxy color 54.3320, 0.3023, 0.3590.

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

54.3320, 0.3023, 0.3590

Protanopia

54.2353, 0.3338, 0.3523

Deuteranopia

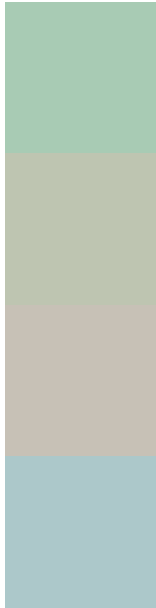
54.1371, 0.3412, 0.3350



Tritanopia

54.2419, 0.2837, 0.3091

Trichromacy



Original Color

54.3320, 0.3023, 0.3590

Protanomaly

54.0540, 0.3219, 0.3542

Deuteranomaly

53.6594, 0.3260, 0.3425

Tritanomaly

54.3435, 0.2903, 0.3264

Monochromacy



Original Color

54.3320, 0.3023, 0.3590

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.5205, 0.3090, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3320, 0.3023, 0.3590 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, 203, 180)` looks like.

```
.text, #text, p{  
    color:rgb(168, 203, 180)  
}
```

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, 203, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 203, 180) }
```

Border

The CSS property to change the border of an element to Yxy 54.3320, 0.3023, 0.3590 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, 203, 180) }
```

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

```
.border{ border-color:rgb(168, 203, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 203, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 203, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 203, 180);  
box-shadow:4px 4px 4px 4px rgb(168, 203,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3320, 0.3023, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 203, 180) }
```

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

```
.background{ background-color: rgb(168,  
203, 180) }
```

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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