

Converting Colors

$Yxy(52.4126, 0.2854, 0.3620)$

Have a look what the booklet for
Yxy(52.4126, 0.2854, 0.3620)
contains.

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Color

Yxy(52.4103, 0.2853, 0.3618)

Conversions

Conversions Part 1

Format	Color
Hex	90CCB4
RGB	144, 204, 180
RGB Percent	56%, 80%, 71%
CMY	0.4354, 0.2000, 0.2941
CMYK	0.29, 0.00, 0.12, 0.20
HSL	156°, 37%, 68%
HSV	156°, 29%, 80%
XYZ	41.3285, 52.4103, 51.1210
YIQ	183.3240, -28.0560, -20.1840

Conversions

Conversions Part 2

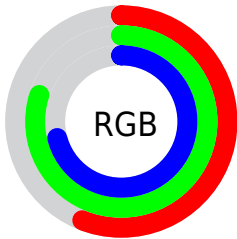
Format	Color
RYB	144, 182, 204
Decimal	9489588
CIELab	77.53, -24.33, 5.81
CIELCh	78, 25.013, 166.578
Yxy	52.4103, 0.2853, 0.3618
Android (android.graphics.Color)	4287679668 (0xFF90CCB4)
YUV	183.3240, -1.6387, -34.4871
Hunter-Lab	72.3950, -24.7899, 8.8094

Details

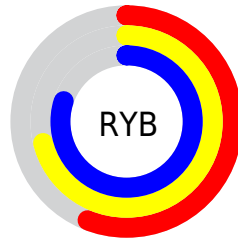
The Yxy color **52.4103, 0.2853, 0.3618** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.6011, 0.3517, 0.2986**, and the grayscale version is **47.5592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7182, 0.2898, 0.3492**, and **25.5691, 0.2776, 0.3726** is the 20% darker color. If you saturate the color by 10%, you get **50.4162, 0.2773, 0.3751**, and if you desaturate by 10%, it is **54.7601, 0.2941, 0.3496**.

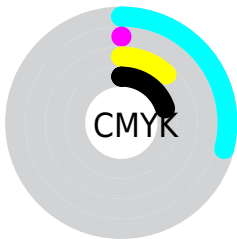
Distribution



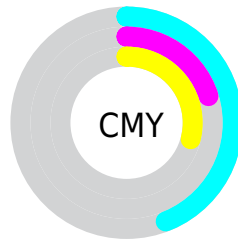
- Red (56%)
- Green (80%)
- Blue (71%)



- Red (56%)
- Yellow (71%)
- Blue (80%)



- Cyan (29%)
- Magenta (0%)
- Yellow (12%)
- Black (20%)





- Cyan (44%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4103, 0.2853, 0.3618 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 52.4103, 0.2853, 0.3618 by changing the saturation by 10% instead.


 52.4103, 0.2853,
0.3618


 52.4103, 0.2853,
0.3618

396.0186, 0.2989,
0.3454

 37.3322, 0.2819,
0.3659


 93.7361, 0.2902,
0.3558

 25.4648, 0.2776,
0.3712


 120.7525, 0.2921,
0.3536

 16.4237, 0.2720,
0.3783


152.5173, 0.2936,
0.3517

 9.8245, 0.2641,
0.3881

189.4146, 0.2950,
0.3501

 5.2827, 0.2525,
0.4029

231.8291, 0.2962,
0.3487

 2.4141, 0.2337,
0.4275

280.1449, 0.2972,

 0.8331, 0.1292,

0.3474

0.5437

334.7466, 0.2981,
0.3463

0.0000, 0.0000,
0.0000

52.4103, 0.2853,
0.3618

52.4103, 0.2853,
0.3618

50.4162, 0.2773,
0.3751

54.7601, 0.2941,
0.3496

48.7533, 0.2705,
0.3893

57.4761, 0.3035,
0.3385

47.4036, 0.2652,
0.4042

60.5762, 0.3133,
0.3285

46.3452, 0.2617,
0.4197

64.0753, 0.3231,
0.3195

45.5529, 0.2602,
0.4353

67.9872, 0.3329,
0.3116

■ 44.9970, 0.2606,
0.4507

■ 70.1044, 0.3337,
0.3040

■ 44.6261, 0.2628,
0.4658

■ 70.5706, 0.3277,
0.2960

■ 44.6071, 0.2630,
0.4667

■ 71.0585, 0.3219,
0.2882

■ 71.5684, 0.3162,
0.2806

Harmonies

Analogous

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



52.4103, 0.3178, 0.3840



52.4103, 0.2853, 0.3618



52.4103, 0.2609, 0.3300

Triad

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



52.4103, 0.2853, 0.3618



52.4103, 0.2743, 0.2738



52.4103, 0.3796, 0.3524

Complementary

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



52.4103, 0.2853, 0.3618



35.6011, 0.3517, 0.2986

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.



52.4103, 0.3669, 0.3246



52.4103, 0.2853, 0.3618



52.4103, 0.3047, 0.2809

Square

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



52.4103, 0.2853, 0.3618



52.4103, 0.2549, 0.2801



52.4103, 0.3389, 0.2991



52.4103, 0.3732, 0.3761

Rectangle

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



52.4103, 0.2853, 0.3618



52.4103, 0.2520, 0.3091



52.4103, 0.3389, 0.2991



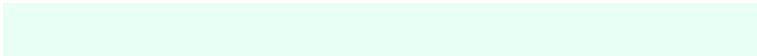
52.4103, 0.3774, 0.3432

Sweetspot

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



52.4125, 0.2853, 0.3618



95.3273, 0.3039, 0.3381



53.5263, 0.3271, 0.4094



20.2530, 0.3024, 0.3397



0.0000, 0.0000, 0.0000



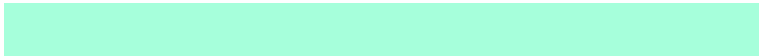
21.4041, 0.3127, 0.3290

Same Dimension

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



52.4125, 0.2853, 0.3618



84.7314, 0.2804, 0.3697



50.6772, 0.2697, 0.3209



12.6481, 0.3036, 0.3384



28.0919, 0.2624, 0.4645



1.4640, 0.2542, 0.4350

Inverse Universe

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



35.6011, 0.3517, 0.2986



52.6789, 0.3628, 0.2921



36.6547, 0.3754, 0.3369



11.2867, 0.3228, 0.3198



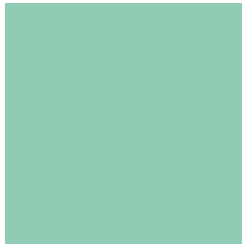
8.4764, 0.5360, 0.2726



0.4522, 0.4843, 0.2442

Previews

White Background



This preview shows how the Yxy color 52.4103, 0.2853, 0.3618 looks on a white background.

Color Contrast Check

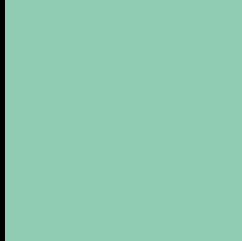
Large Text (above 18pt) WCAG AA × Fail

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 52.4103, 0.2853, 0.3618 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

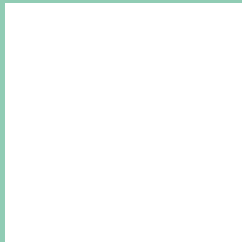
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4103, 0.2853, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 52.4103, 0.2853, 0.3618.



This preview shows how white text looks on a background with the Yxy color 52.4103, 0.2853, 0.3618.

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

52.4103, 0.2853, 0.3618

Protanopia

51.8498, 0.3326, 0.3502

Deuteranopia

51.7387, 0.3367, 0.3291



Tritanopia

52.3325, 0.2677, 0.3082

Trichromacy



Original Color

52.4103, 0.2853, 0.3618

Protanomaly

51.6298, 0.3132, 0.3537

Deuteranomaly

51.2453, 0.3155, 0.3392

Tritanomaly

52.3335, 0.2739, 0.3276

Monochromacy



Original Color

52.4103, 0.2853, 0.3618

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

49.0740, 0.3017, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4103, 0.2853, 0.3618 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(144, 204, 180)` looks like.

```
.text, #text, p{  
    color:rgb(144, 204, 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(144, 204, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 204, 180) }
```

Border

The CSS property to change the border of an element to Yxy 52.4103, 0.2853, 0.3618 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(144, 204, 180) }
```

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

```
.border{ border-color:rgb(144, 204, 180) }
```

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

Here you see how a box with a 4 pixel rgb(144, 204, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 204, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 204, 180);  
box-shadow:4px 4px 4px 4px rgb(144, 204,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4103, 0.2853, 0.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 204, 180) }
```

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

```
.background{ background-color: rgb(144,  
204, 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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