

Converting Colors

Yxy(54.2542, 0.2839, 0.3278)

Have a look what the booklet for
Yxy(54.2542, 0.2839, 0.3278)
contains.

Yxy(54.3394, 0.2834, 0.3276)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.3394, 0.2834, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	A3CACB
RGB	163, 202, 203
RGB Percent	64%, 79%, 80%
CMY	0.3607, 0.2078, 0.2038
CMYK	0.20, 0.01, 0.00, 0.20
HSL	182°, 28%, 72%
HSV	182°, 20%, 80%
XYZ	47.0079, 54.3394, 64.5239
YIQ	190.4530, -23.5650, -7.9570

Conversions

Conversions Part 2

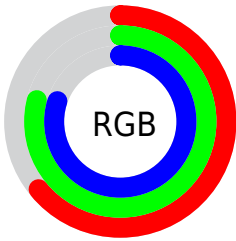
Format	Color
R _{YB}	163, 183, 203
Decimal	10734283
CIE Lab	78.66, -12.60, -4.78
CIE LCh	79, 13.482, 200.787
Yxy	54.3394, 0.2834, 0.3276
Android (android.graphics.Color)	4288924363 (0xFFA3CACB)
YUV	190.4530, 6.1857, -24.0763
Hunter-Lab	73.7153, -15.1731, -0.2966

Details

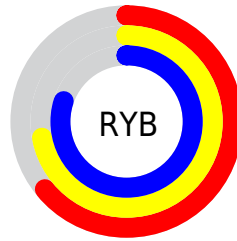
The Yxy color **54.3394, 0.2834, 0.3276** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.9080, 0.3511, 0.3304**, and the grayscale version is **51.7442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **26.6647, 0.2754, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **52.1245, 0.2700, 0.3268**, and if you desaturate by 10%, it is **56.9036, 0.2979, 0.3283**.

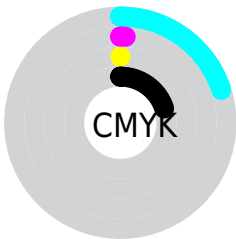
Distribution



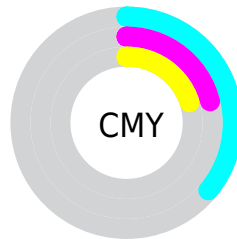
- Red (64%)
- Green (79%)
- Blue (80%)



- Red (64%)
- Yellow (72%)
- Blue (80%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (36%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3394, 0.2834, 0.3276 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 54.3394, 0.2834, 0.3276 by changing the saturation by 10% instead.


 54.3394, 0.2834,
0.3276


 54.3394, 0.2834,
0.3276


403.4029, 0.2976,
0.3284

 38.8731, 0.2800,
0.3274


 96.5724, 0.2884,
0.3279

 26.6610, 0.2757,
0.3270


 124.1079, 0.2904,
0.3281

 17.3188, 0.2701,
0.3265


156.4352, 0.2920,
0.3281

 10.4620, 0.2626,
0.3258

193.9387, 0.2934,
0.3282

 5.7064, 0.2518,
0.3246

237.0028, 0.2947,
0.3283

 2.6674, 0.2353,
0.3224

286.0120, 0.2958,

 0.9606, 0.2009,

0.3283

0.3197

341.3505, 0.2967,
0.3284

0.0000, 0.0000,
0.0000

54.3394, 0.2834,
0.3276

54.3394, 0.2834,
0.3276

52.1245, 0.2700,
0.3268

56.9036, 0.2979,
0.3283

50.2358, 0.2579,
0.3260

59.8258, 0.3132,
0.3290

48.6579, 0.2475,
0.3252

63.1224, 0.3289,
0.3296

47.3713, 0.2388,
0.3243

66.8071, 0.3449,
0.3302

46.3545, 0.2320,
0.3234

69.0416, 0.3533,
0.3307

■ 45.5829, 0.2272,
0.3226

■ 69.2896, 0.3532,
0.3313

■ 45.0275, 0.2241,
0.3217

■ 69.5385, 0.3531,
0.3318

■ 44.6356, 0.2225,
0.3209

■ 69.7881, 0.3530,
0.3323

■ 44.6248, 0.2225,
0.3209

■ 70.0386, 0.3529,
0.3329

Harmonies

Analogous

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



54.3394, 0.2960, 0.3440



54.3394, 0.2834, 0.3276



54.3394, 0.2785, 0.3121

Triad

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



54.3394, 0.2834, 0.3276



54.3394, 0.3113, 0.3036



54.3394, 0.3437, 0.3560

Complementary

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



54.3394, 0.2834, 0.3276



41.9080, 0.3511, 0.3304

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.



54.3394, 0.3482, 0.3443



54.3394, 0.2834, 0.3276



54.3394, 0.3292, 0.3146

Square

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



54.3394, 0.2834, 0.3276



54.3394, 0.2942, 0.2989



54.3394, 0.3429, 0.3293



54.3394, 0.3308, 0.3606

Rectangle

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



54.3394, 0.2834, 0.3276



54.3394, 0.2801, 0.3045



54.3394, 0.3429, 0.3293



54.3394, 0.3463, 0.3527

Sweetspot

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



54.3416, 0.2834, 0.3276



96.9636, 0.3034, 0.3286



53.1790, 0.3097, 0.3818



20.6864, 0.3024, 0.3285



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.



54.3416, 0.2834, 0.3276



89.1889, 0.2771, 0.3272



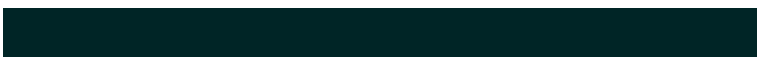
45.7005, 0.2818, 0.3017



12.6759, 0.2984, 0.3284



28.4136, 0.2225, 0.3210



1.4817, 0.2230, 0.3226

Inverse Universe

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



43.1628, 0.3159, 0.2817



66.8743, 0.3166, 0.2705



49.4944, 0.3464, 0.3549



11.3986, 0.3142, 0.3067



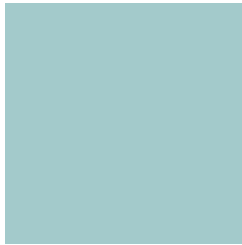
10.6714, 0.3273, 0.1577



0.5521, 0.3260, 0.1570

Previews

White Background



This preview shows how the Yxy color 54.3394, 0.2834, 0.3276 looks on a white background.

Color Contrast Check

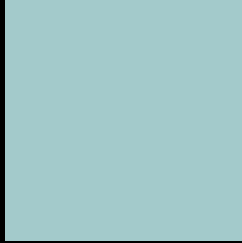
Large Text (above 18pt) WCAG AA × Fail

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 54.3394, 0.2834, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

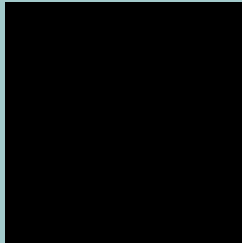
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

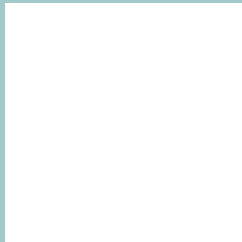
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3394, 0.2834, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 54.3394, 0.2834, 0.3276.



This preview shows how white text looks on a background with the Yxy color 54.3394, 0.2834, 0.3276.

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

54.3394, 0.2834, 0.3276

Protanopia

53.9529, 0.3114, 0.3229

Deuteranopia

53.8326, 0.3153, 0.3079



Tritanopia

54.3734, 0.2771, 0.3089

Trichromacy



Original Color

54.3394, 0.2834, 0.3276

Protanomaly

53.8403, 0.3005, 0.3240

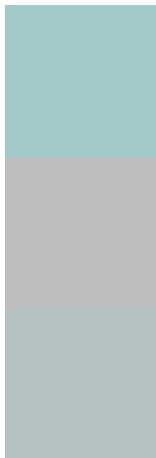
Deuteranomaly

53.7542, 0.3031, 0.3144

Tritanomaly

54.4758, 0.2796, 0.3163

Monochromacy



Original Color

54.3394, 0.2834, 0.3276

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.2270, 0.3010, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3394, 0.2834, 0.3276 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(163, 202, 203)` looks like.

```
.text, #text, p{  
    color:rgb(163, 202, 203)  
}
```

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(163, 202, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 202, 203) }
```

Border

The CSS property to change the border of an element to Yxy 54.3394, 0.2834, 0.3276 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(163, 202, 203) }
```

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

```
.border{ border-color:rgb(163, 202, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 202, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 202, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 202, 203);  
box-shadow:4px 4px 4px 4px rgb(163, 202,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3394, 0.2834, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 202, 203) }
```

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

```
.background{ background-color: rgb(163,  
202, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor