

Converting Colors

Yxy(54.3611, 0.2884, 0.3248)

Have a look what the booklet for
Yxy(54.3611, 0.2884, 0.3248)
contains.

Yxy(54.2783, 0.2889, 0.3251)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.2783, 0.2889, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	ABC8CB
RGB	171, 200, 203
RGB Percent	67%, 78%, 80%
CMY	0.3293, 0.2157, 0.2038
CMYK	0.16, 0.01, 0.00, 0.20
HSL	186°, 24%, 73%
HSV	186°, 16%, 80%
XYZ	48.2344, 54.2783, 64.4461
YIQ	191.6710, -18.2470, -5.2150

Conversions

Conversions Part 2

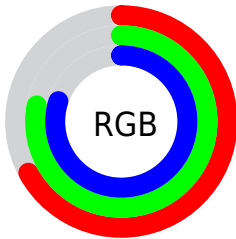
Format	Color
RYB	171, 186, 203
Decimal	11258059
CIELab	78.62, -9.04, -4.78
CIELCh	79, 10.227, 207.854
Yxy	54.2783, 0.2889, 0.3251
Android (android.graphics.Color)	4289448139 (0xFFABC8CB)
YUV	191.6710, 5.5852, -18.1285
Hunter-Lab	73.6738, -12.0649, -0.2922

Details

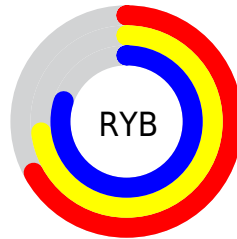
The Yxy color **54.2783, 0.2889, 0.3251** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.9330, 0.3416, 0.3329**, and the grayscale version is **52.4897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **26.5792, 0.2823, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **51.2892, 0.2747, 0.3224**, and if you desaturate by 10%, it is **57.6332, 0.3039, 0.3276**.

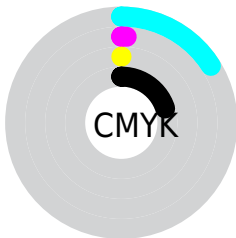
Distribution



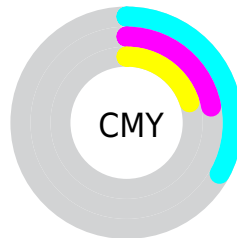
- Red (67%)
- Green (78%)
- Blue (80%)



- Red (67%)
- Yellow (73%)
- Blue (80%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)




- Cyan (33%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2783, 0.2889, 0.3251 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 54.2783, 0.2889, 0.3251 by changing the saturation by 10% instead.


 54.2783, 0.2889,
0.3251

 54.2783, 0.2889,
0.3251

403.1704, 0.3004,
0.3271

 38.8242, 0.2861,
0.3246

 96.4827, 0.2930,
0.3258

 26.6230, 0.2826,
0.3239

124.0019, 0.2946,
0.3261

 17.2903, 0.2781,
0.3230


156.3115, 0.2959,
0.3263

 10.4417, 0.2719,
0.3217

193.7960, 0.2971,
0.3265

 5.6928, 0.2631,
0.3198

236.8397, 0.2981,
0.3267

 2.6592, 0.2494,
0.3165

285.8271, 0.2990,

 0.9565, 0.2231,

0.3269

0.3108

341.1425, 0.2997,
0.3270

0.0000, 0.0000,
0.0000

54.2783, 0.2889,
0.3251

54.2783, 0.2889,
0.3251

51.2892, 0.2747,
0.3224

57.6332, 0.3039,
0.3276

48.6433, 0.2616,
0.3194

61.3621, 0.3193,
0.3300

46.3256, 0.2498,
0.3164

65.4814, 0.3349,
0.3321

44.3173, 0.2396,
0.3132

70.0044, 0.3505,
0.3339

42.5977, 0.2312,
0.3100

71.4644, 0.3523,
0.3358

■ 41.1437, 0.2247,
0.3067

■ 72.4152, 0.3519,
0.3378

■ 39.9281, 0.2201,
0.3034

■ 73.3775, 0.3515,
0.3397

■ 38.9173, 0.2173,
0.3002

■ 74.3513, 0.3512,
0.3417

■ 38.5229, 0.2164,
0.2989

■ 75.3365, 0.3508,
0.3436

Harmonies

Analogous

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



54.2783, 0.2974, 0.3376



54.2783, 0.2889, 0.3251



54.2783, 0.2867, 0.3140

Triad

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



54.2783, 0.2889, 0.3251



54.2783, 0.3150, 0.3112



54.2783, 0.3344, 0.3509

Complementary

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



54.2783, 0.2889, 0.3251



45.9330, 0.3416, 0.3329

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.



54.2783, 0.3395, 0.3432



54.2783, 0.2889, 0.3251



54.2783, 0.3281, 0.3205

Square

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



54.2783, 0.2889, 0.3251



54.2783, 0.3015, 0.3063



54.2783, 0.3371, 0.3321



54.2783, 0.3236, 0.3527

Rectangle

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



54.2783, 0.2889, 0.3251



54.2783, 0.2890, 0.3089



54.2783, 0.3371, 0.3321



54.2783, 0.3369, 0.3489

Sweetspot

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



54.2805, 0.2889, 0.3251



96.8950, 0.3049, 0.3278



54.4265, 0.3089, 0.3673



20.6489, 0.3038, 0.3276



0.0000, 0.0000, 0.0000



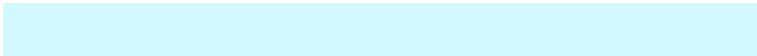
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2805, 0.2889, 0.3251



89.0534, 0.2838, 0.3242



47.4038, 0.2881, 0.3048



12.5387, 0.2983, 0.3267



24.5830, 0.2165, 0.2993



1.3222, 0.2182, 0.3056

Inverse Universe

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



46.0058, 0.3170, 0.2939



72.5964, 0.3181, 0.2859



52.3335, 0.3386, 0.3520



11.3848, 0.3152, 0.3083



10.2847, 0.3460, 0.1680



0.5360, 0.3405, 0.1650

Previews

White Background



This preview shows how the Yxy color 54.2783, 0.2889, 0.3251 looks on a white background.

Color Contrast Check

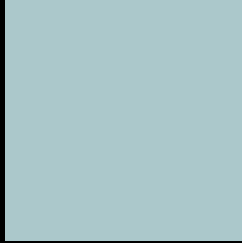
Large Text (above 18pt) WCAG AA × Fail

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 54.2783, 0.2889, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

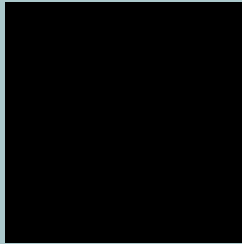
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

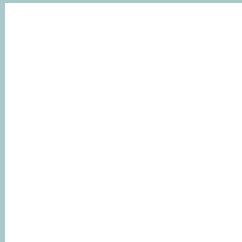
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2783, 0.2889, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 54.2783, 0.2889, 0.3251.



This preview shows how white text looks on a background with the Yxy color 54.2783, 0.2889, 0.3251.

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

54.2783, 0.2889, 0.3251

Protanopia

53.9992, 0.3107, 0.3217

Deuteranopia

53.7841, 0.3161, 0.3090



Tritanopia

54.1274, 0.2830, 0.3090

Trichromacy



Original Color

54.2783, 0.2889, 0.3251

Protanomaly

54.2148, 0.3028, 0.3240

Deuteranomaly

53.6610, 0.3062, 0.3145

Tritanomaly

54.2706, 0.2850, 0.3152

Monochromacy



Original Color

54.2783, 0.2889, 0.3251

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.2061, 0.3033, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2783, 0.2889, 0.3251 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(171, 200, 203)` looks like.

```
.text, #text, p{  
    color:rgb(171, 200, 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(171, 200, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 200, 203) }
```

Border

The CSS property to change the border of an element to Yxy 54.2783, 0.2889, 0.3251 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(171, 200, 203) }
```

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

```
.border{ border-color:rgb(171, 200, 203) }
```

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

Here you see how a box with a 4 pixel rgb(171, 200, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 200, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 200, 203);  
box-shadow:4px 4px 4px 4px rgb(171, 200,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2783, 0.2889, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 200, 203) }
```

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

```
.background{ background-color: rgb(171,  
200, 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