

Converting Colors

$Y_{xy}(54.2932, 0.2899, 0.3231)$

Have a look what the booklet for
Yxy(54.2932, 0.2899, 0.3231)
contains.

Yxy(54.0907, 0.2896, 0.3226)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.0907, 0.2896, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	ADC7CC
RGB	173, 199, 204
RGB Percent	68%, 78%, 80%
CMY	0.3216, 0.2196, 0.1999
CMYK	0.15, 0.02, 0.00, 0.20
HSL	190°, 23%, 74%
HSV	190°, 15%, 80%
XYZ	48.5576, 54.0907, 65.0229
YIQ	191.7960, -17.1010, -3.9570

Conversions

Conversions Part 2

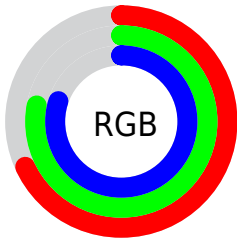
Format	Color
R _Y B	173, 187, 204
Decimal	11388876
CIE Lab	78.51, -7.68, -5.47
CIE LCh	79, 9.428, 215.430
Yxy	54.0907, 0.2896, 0.3226
Android (android.graphics.Color)	4289578956 (0xFFADC7CC)
YUV	191.7960, 6.0166, -16.4841
Hunter-Lab	73.5464, -10.8550, -0.9362

Details

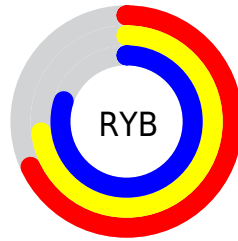
The Yxy color **54.0907, 0.2896, 0.3226** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.7063, 0.3400, 0.3353**, and the grayscale version is **52.5604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **26.4459, 0.2832, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **50.4387, 0.2750, 0.3179**, and if you desaturate by 10%, it is **58.1353, 0.3047, 0.3269**.

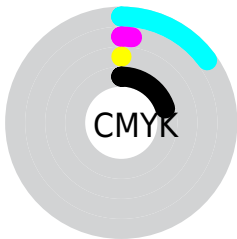
Distribution



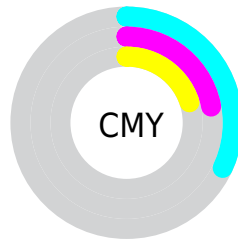
- Red (68%)
- Green (78%)
- Blue (80%)



- Red (68%)
- Yellow (73%)
- Blue (80%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (32%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0907, 0.2896, 0.3226 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 54.0907, 0.2896, 0.3226 by changing the saturation by 10% instead.

■ 54.0907, 0.2896,
0.3226

■ 54.0907, 0.2896,
0.3226

402.4558, 0.3008,
0.3258

■ 38.6742, 0.2869,
0.3218

■ 96.2074, 0.2936,
0.3238

■ 26.5064, 0.2835,
0.3208

123.6764, 0.2951,
0.3242

■ 17.2028, 0.2791,
0.3194

155.9316, 0.2964,
0.3246

■ 10.3792, 0.2731,
0.3174

193.3575, 0.2975,
0.3249

■ 5.6511, 0.2645,
0.3145

236.3385, 0.2985,
0.3252

■ 2.6341, 0.2511,
0.3098

285.2590, 0.2994,

■ 0.9438, 0.2261,

0.3254

0.3013

340.5032, 0.3001,
0.3256

0.0000, 0.0000,
0.0000

54.0907, 0.2896,
0.3226

54.0907, 0.2896,
0.3226

50.4387, 0.2750,
0.3179

58.1353, 0.3047,
0.3269

47.1564, 0.2613,
0.3129

62.5810, 0.3201,
0.3308

44.2284, 0.2488,
0.3076

67.4445, 0.3355,
0.3344

41.6358, 0.2377,
0.3020

72.7394, 0.3507,
0.3375

39.3575, 0.2283,
0.2963

74.4840, 0.3504,
0.3408

■ 37.3700, 0.2208,
0.2905

■ 76.1881, 0.3497,
0.3441

■ 35.6460, 0.2152,
0.2847

■ 77.9265, 0.3491,
0.3475

■ 34.1521, 0.2115,
0.2790

■ 79.6991, 0.3485,
0.3507

■ 33.4876, 0.2101,
0.2763

■ 81.5064, 0.3478,
0.3540

Harmonies

Analogous

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



54.0907, 0.2961, 0.3341



54.0907, 0.2896, 0.3226



54.0907, 0.2891, 0.3132

Triad

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



54.0907, 0.2896, 0.3226



54.0907, 0.3181, 0.3144



54.0907, 0.3307, 0.3502

Complementary

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



54.0907, 0.2896, 0.3226



47.7063, 0.3400, 0.3353

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.



54.0907, 0.3368, 0.3444



54.0907, 0.2896, 0.3226



54.0907, 0.3295, 0.3238

Square

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



54.0907, 0.2896, 0.3226



54.0907, 0.3054, 0.3087



54.0907, 0.3364, 0.3347



54.0907, 0.3197, 0.3503

Rectangle

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



54.0907, 0.2896, 0.3226



54.0907, 0.2923, 0.3093



54.0907, 0.3364, 0.3347



54.0907, 0.3334, 0.3488

Sweetspot

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



54.0929, 0.2896, 0.3226



96.3519, 0.3049, 0.3270



55.2819, 0.3076, 0.3631



20.5165, 0.3038, 0.3267



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.



54.0929, 0.2896, 0.3226



87.6611, 0.2851, 0.3212



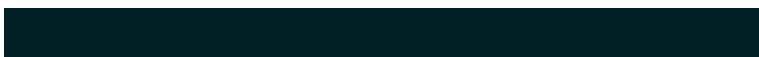
47.4663, 0.2889, 0.3030



12.4058, 0.2983, 0.3252



21.1868, 0.2103, 0.2771



1.1778, 0.2134, 0.2882

Inverse Universe

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



46.8506, 0.3186, 0.2976



73.6607, 0.3199, 0.2911



54.0709, 0.3372, 0.3537



11.3713, 0.3162, 0.3098



9.9418, 0.3662, 0.1791



0.5214, 0.3559, 0.1734

Previews

White Background



This preview shows how the Yxy color 54.0907, 0.2896, 0.3226 looks on a white background.

Color Contrast Check

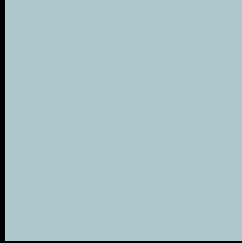
Large Text (above 18pt) WCAG AA × Fail

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 54.0907, 0.2896, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

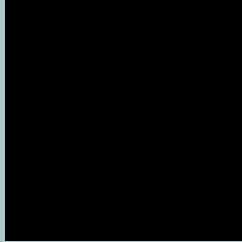
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

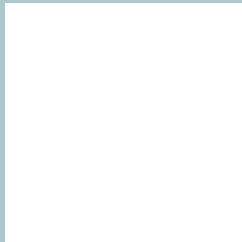
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0907, 0.2896, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 54.0907, 0.2896, 0.3226.



This preview shows how white text looks on a background with the Yxy color 54.0907, 0.2896, 0.3226.

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

54.0907, 0.2896, 0.3226

Protanopia

53.9122, 0.3091, 0.3205

Deuteranopia

53.6881, 0.3145, 0.3078



Tritanopia

54.3062, 0.2851, 0.3103

Trichromacy



Original Color

54.0907, 0.2896, 0.3226

Protanomaly

53.8121, 0.3021, 0.3216

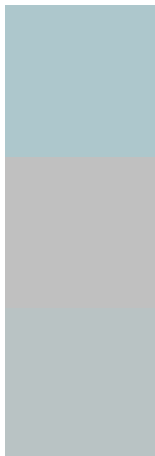
Deuteranomaly

53.7092, 0.3055, 0.3133

Tritanomaly

54.0400, 0.2863, 0.3140

Monochromacy



Original Color

54.0907, 0.2896, 0.3226

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.3300, 0.3041, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0907, 0.2896, 0.3226 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(173, 199, 204)` looks like.

```
.text, #text, p{  
    color:rgb(173, 199, 204)  
}
```

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(173, 199, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 199, 204) }
```

Border

The CSS property to change the border of an element to Yxy 54.0907, 0.2896, 0.3226 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(173, 199, 204) }
```

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

```
.border{ border-color:rgb(173, 199, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 199, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 199, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 199, 204);  
box-shadow:4px 4px 4px 4px rgb(173, 199,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0907, 0.2896, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 199, 204) }
```

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

```
.background{ background-color: rgb(173,  
199, 204) }
```

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