

Converting Colors

$Yxy(54.8354, 0.2904, 0.3437)$

Have a look what the booklet for
Yxy(54.8354, 0.2904, 0.3437)
contains.

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Color

Yxy(54.8225, 0.2900, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	A3CCC1
RGB	163, 204, 193
RGB Percent	64%, 80%, 76%
CMY	0.3607, 0.2000, 0.2431
CMYK	0.20, 0.00, 0.05, 0.20
HSL	164°, 29%, 72%
HSV	164°, 20%, 80%
XYZ	46.3244, 54.8225, 58.5923
YIQ	190.4870, -20.9050, -12.1130

Conversions

Conversions Part 2

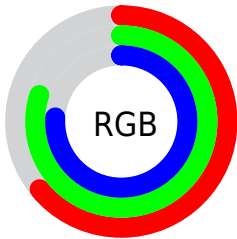
Format	Color
RYB	163, 187, 204
Decimal	10734785
CIELab	78.94, -15.74, 1.01
CIELCh	79, 15.768, 176.321
Yxy	54.8225, 0.2900, 0.3432
Android (android.graphics.Color)	4288924865 (0xFFA3CCC1)
YUV	190.4870, 1.2389, -24.1061
Hunter-Lab	74.0422, -17.8957, 4.9112

Details

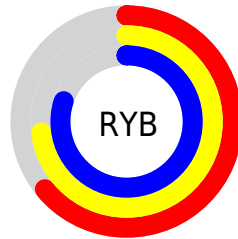
The Yxy color **54.8225, 0.2900, 0.3432** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.0929, 0.3419, 0.3153**, and the grayscale version is **51.7921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2650, 0.2938, 0.3351**, and **27.0856, 0.2840, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **52.6022, 0.2797, 0.3513**, and if you desaturate by 10%, it is **57.4038, 0.3011, 0.3358**.

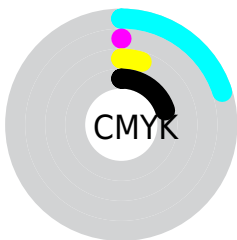
Distribution



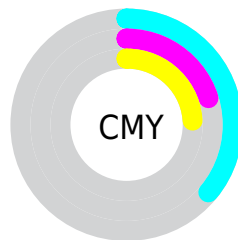
- Red (64%)
- Green (80%)
- Blue (76%)



- Red (64%)
- Yellow (73%)
- Blue (80%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)





- Cyan (36%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8225, 0.2900, 0.3432 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 54.8225, 0.2900, 0.3432 by changing the saturation by 10% instead.


 54.8225, 0.2900,
0.3432


 54.8225, 0.2900,
0.3432

405.2387, 0.3011,
0.3363

 39.2596, 0.2873,
0.3449


 97.2808, 0.2940,
0.3407

 26.9618, 0.2839,
0.3470


 124.9451, 0.2955,
0.3398

 17.5445, 0.2795,
0.3498


157.4119, 0.2967,
0.3390

 10.6235, 0.2735,
0.3537

195.0658, 0.2978,
0.3383

 5.8143, 0.2648,
0.3592

238.2910, 0.2988,
0.3377

 2.7325, 0.2512,
0.3680

287.4719, 0.2996,

 0.9937, 0.2176,

0.3372

0.3885

342.9931, 0.3004,
0.3367

0.0000, 0.0000,
0.0000

54.8225, 0.2900,
0.3432

54.8225, 0.2900,
0.3432

52.6022, 0.2797,
0.3513

57.4038, 0.3011,
0.3358

50.7192, 0.2704,
0.3600

60.3548, 0.3126,
0.3291

49.1579, 0.2625,
0.3693

63.6925, 0.3244,
0.3230

47.8984, 0.2562,
0.3789

67.4308, 0.3362,
0.3177

46.9186, 0.2517,
0.3889

69.6338, 0.3401,
0.3125

■ 46.1935, 0.2492,
0.3990

■ 69.9294, 0.3360,
0.3070

■ 45.6933, 0.2487,
0.4091

■ 70.2345, 0.3320,
0.3016

■ 45.3646, 0.2497,
0.4190

■ 70.5493, 0.3280,
0.2963

■ 70.8739, 0.3240,
0.2910

Harmonies

Analogous

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



54.8225, 0.3094, 0.3590



54.8225, 0.2900, 0.3432



54.8225, 0.2768, 0.3237

Triad

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



54.8225, 0.2900, 0.3432



54.8225, 0.2945, 0.2945



54.8225, 0.3541, 0.3496

Complementary

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



54.8225, 0.2900, 0.3432



42.0929, 0.3419, 0.3153

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.



54.8225, 0.3499, 0.3325



54.8225, 0.2900, 0.3432



54.8225, 0.3149, 0.3014

Square

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



54.8225, 0.2900, 0.3432



54.8225, 0.2793, 0.2961



54.8225, 0.3354, 0.3151



54.8225, 0.3467, 0.3621

Rectangle

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



54.8225, 0.2900, 0.3432



54.8225, 0.2731, 0.3116



54.8225, 0.3354, 0.3151



54.8225, 0.3540, 0.3442

Sweetspot

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



54.8248, 0.2900, 0.3432



96.9511, 0.3057, 0.3330



54.9021, 0.3191, 0.3825



20.6835, 0.3049, 0.3335



0.0000, 0.0000, 0.0000



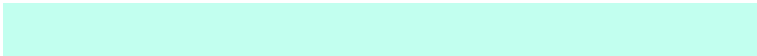
21.4041, 0.3127, 0.3290

Same Dimension

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



54.8248, 0.2900, 0.3432



89.1698, 0.2855, 0.3465



51.2319, 0.2822, 0.3174



12.6737, 0.3019, 0.3353



28.5687, 0.2493, 0.4176



1.4860, 0.2439, 0.3981

Inverse Universe

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



42.0929, 0.3419, 0.3153



64.4189, 0.3497, 0.3122



44.9470, 0.3501, 0.3403



11.2623, 0.3249, 0.3228



8.2655, 0.5851, 0.2997



0.4393, 0.5279, 0.2682

Previews

White Background



This preview shows how the Yxy color 54.8225, 0.2900, 0.3432 looks on a white background.

Color Contrast Check

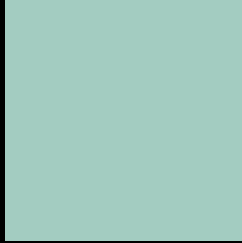
Large Text (above 18pt) WCAG AA × Fail

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 54.8225, 0.2900, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

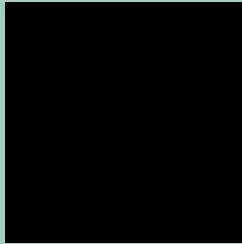
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

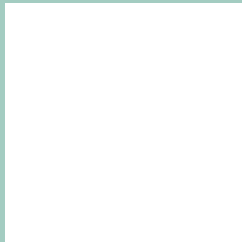
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8225, 0.2900, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 54.8225, 0.2900, 0.3432.

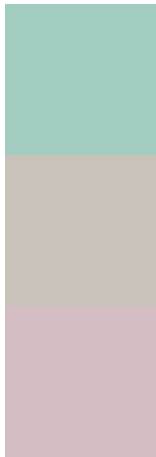


This preview shows how white text looks on a background with the Yxy color 54.8225, 0.2900, 0.3432.

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

54.8225, 0.2900, 0.3432

Protanopia

54.4508, 0.3229, 0.3376

Deuteranopia

54.5268, 0.3272, 0.3208



Tritanopia

54.5913, 0.2784, 0.3090

Trichromacy



Original Color

54.8225, 0.2900, 0.3432

Protanomaly

54.6271, 0.3106, 0.3402

Deuteranomaly

54.1258, 0.3128, 0.3278

Tritanomaly

54.4343, 0.2822, 0.3200

Monochromacy



Original Color

54.8225, 0.2900, 0.3432

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.4951, 0.3038, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8225, 0.2900, 0.3432 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, 204, 193)` looks like.

```
.text, #text, p{  
    color:rgb(163, 204, 193)  
}
```

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, 204, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 204, 193) }
```

Border

The CSS property to change the border of an element to Yxy 54.8225, 0.2900, 0.3432 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, 204, 193) }
```

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

```
.border{ border-color:rgb(163, 204, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 204, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 204, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 204, 193);  
box-shadow:4px 4px 4px 4px rgb(163, 204,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8225, 0.2900, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 204, 193) }
```

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

```
.background{ background-color: rgb(163,  
204, 193) }
```

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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