

Converting Colors

$Yxy(62.1440, 0.2809, 0.3406)$

Have a look what the booklet for
Yxy(62.1440, 0.2809, 0.3406)
contains.

Yxy(62.3783, 0.2810, 0.3413)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.3783, 0.2810, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	A2DAD0
RGB	162, 218, 208
RGB Percent	64%, 85%, 82%
CMY	0.3648, 0.1451, 0.1842
CMYK	0.26, 0.00, 0.05, 0.15
HSL	169°, 43%, 75%
HSV	169°, 26%, 85%
XYZ	51.3575, 62.3783, 69.0310
YIQ	200.1160, -30.1660, -14.9820

Conversions

Conversions Part 2

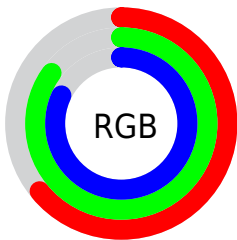
Format	Color
RYB	162, 193, 218
Decimal	10672848
CIELab	83.11, -19.97, -0.93
CIELCh	83, 19.990, 182.659
Yxy	62.3783, 0.2810, 0.3413
Android (android.graphics.Color)	4288862928 (0xFFA2DAD0)
YUV	200.1160, 3.8868, -33.4277
Hunter-Lab	78.9799, -22.1435, 3.4646

Details

The Yxy color **62.3783, 0.2810, 0.3413** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.7174, 0.3575, 0.3172**, and the grayscale version is **57.8240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **31.7787, 0.2732, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **60.1039, 0.2703, 0.3468**, and if you desaturate by 10%, it is **65.0582, 0.2928, 0.3362**.

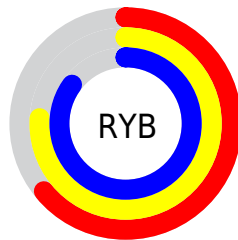
Distribution



Red (64%)

Green (85%)

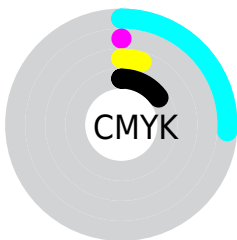
Blue (82%)



Red (64%)

Yellow (76%)

Blue (85%)

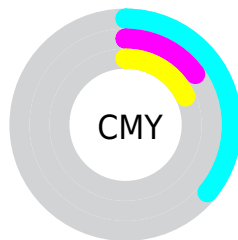


Cyan (26%)

Magenta (0%)

Yellow (5%)

Black (15%)



Cyan (36%)


Magenta (15%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3783, 0.2810, 0.3413 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 62.3783, 0.2810, 0.3413 by changing the saturation by 10% instead.

 62.3783, 0.2810,
0.3413


 62.3783, 0.2810,
0.3413


433.3097, 0.2960,
0.3355

 45.3384, 0.2775,
0.3426


 108.2721, 0.2863,
0.3393

 31.7241, 0.2731,
0.3443


 137.8948, 0.2883,
0.3385

 21.1508, 0.2674,
0.3465


172.4806, 0.2901,
0.3378

 13.2343, 0.2599,
0.3493

212.4139, 0.2916,
0.3372

 7.5901, 0.2494,
0.3532

258.0791, 0.2929,
0.3367

 3.8338, 0.2338,
0.3590

309.8605, 0.2941,

 1.5810, 0.2081,

0.3363

368.1425, 0.2951,
0.3359

0.3683

0.3448, 0.0000,
0.4392

0.0000, 0.0000,
0.0000

62.3783, 0.2810,
0.3413

62.3783, 0.2810,
0.3413

60.1039, 0.2703,
0.3468

65.0582, 0.2928,
0.3362

58.2069, 0.2609,
0.3527

68.1549, 0.3053,
0.3315

56.6676, 0.2531,
0.3588

71.6888, 0.3184,
0.3272

55.4614, 0.2471,
0.3651

75.6766, 0.3316,
0.3234

■ 54.5604, 0.2430,
0.3716

■ 76.9753, 0.3332,
0.3196

■ 53.9323, 0.2409,
0.3780

■ 77.1924, 0.3305,
0.3158

■ 53.5374, 0.2407,
0.3844

■ 77.4144, 0.3278,
0.3120

■ 53.4088, 0.2409,
0.3871

■ 77.6413, 0.3251,
0.3082

■ 77.8732, 0.3225,
0.3044

Harmonies

Analogous

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



62.3783, 0.3033, 0.3624



62.3783, 0.2810, 0.3413



62.3783, 0.2674, 0.3174

Triad

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



62.3783, 0.2810, 0.3413



62.3783, 0.2954, 0.2884



62.3783, 0.3623, 0.3576

Complementary

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



62.3783, 0.2810, 0.3413



43.7174, 0.3575, 0.3172

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.



62.3783, 0.3602, 0.3375



62.3783, 0.2810, 0.3413



62.3783, 0.3208, 0.2987

Square

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



62.3783, 0.2810, 0.3413



62.3783, 0.2754, 0.2879



62.3783, 0.3448, 0.3163



62.3783, 0.3505, 0.3712

Rectangle

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



62.3783, 0.2810, 0.3413



62.3783, 0.2647, 0.3036



62.3783, 0.3448, 0.3163



62.3783, 0.3632, 0.3514

Sweetspot

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



62.3808, 0.2810, 0.3413



96.1026, 0.3023, 0.3326



61.5528, 0.3166, 0.4005



20.4227, 0.3004, 0.3333



0.0000, 0.0000, 0.0000



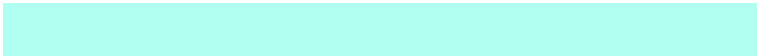
21.4041, 0.3127, 0.3290

Same Dimension

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



62.3808, 0.2810, 0.3413



87.0913, 0.2749, 0.3443



54.1730, 0.2732, 0.3066



14.7877, 0.3006, 0.3332



32.0103, 0.2406, 0.3862



2.0844, 0.2377, 0.3758

Inverse Universe

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



43.7174, 0.3575, 0.3172



56.0094, 0.3708, 0.3145



50.0450, 0.3619, 0.3503



13.0892, 0.3264, 0.3249



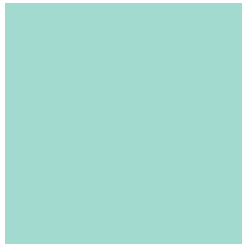
9.0281, 0.6121, 0.3146



0.5964, 0.5688, 0.2907

Previews

White Background



This preview shows how the Yxy color 62.3783, 0.2810, 0.3413 looks on a white background.

Color Contrast Check

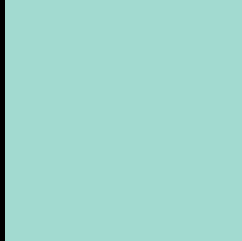
Large Text (above 18pt) WCAG AA × Fail

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 62.3783, 0.2810, 0.3413 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

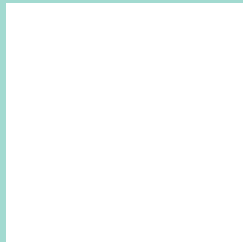
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.3783, 0.2810, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 62.3783, 0.2810, 0.3413.



This preview shows how white text looks on a background with the Yxy color 62.3783, 0.2810, 0.3413.

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

62.3783, 0.2810, 0.3413

Protanopia

61.7286, 0.3202, 0.3336

Deuteranopia

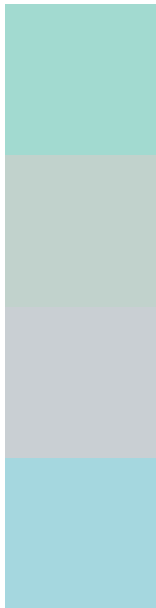
61.9093, 0.3227, 0.3157



Tritanopia

62.1348, 0.2698, 0.3074

Trichromacy



Original Color

62.3783, 0.2810, 0.3413

Protanomaly

61.7903, 0.3043, 0.3361

Deuteranomaly

61.7463, 0.3055, 0.3243

Tritanomaly

61.9279, 0.2739, 0.3192

Monochromacy



Original Color

62.3783, 0.2810, 0.3413

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

59.3765, 0.2999, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3783, 0.2810, 0.3413 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(162, 218, 208)` looks like.

```
.text, #text, p{  
    color:rgb(162, 218, 208)  
}
```

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(162, 218, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 218, 208) }
```

Border

The CSS property to change the border of an element to Yxy 62.3783, 0.2810, 0.3413 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(162, 218, 208) }
```

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

```
.border{ border-color:rgb(162, 218, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 218, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 218, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 218, 208);  
box-shadow:4px 4px 4px 4px rgb(162, 218,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3783, 0.2810, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 218, 208) }
```

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

```
.background{ background-color: rgb(162,  
218, 208) }
```

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