

Converting Colors

$Y_{xy}(52.1139, 0.2884, 0.3371)$

Have a look what the booklet for
Yxy(52.1139, 0.2884, 0.3371)
contains.

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Color

Yxy(52.2742, 0.2883, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	A1C7C1
RGB	161, 199, 193
RGB Percent	63%, 78%, 76%
CMY	0.3686, 0.2196, 0.2431
CMYK	0.19, 0.00, 0.03, 0.22
HSL	171°, 25%, 71%
HSV	171°, 19%, 78%
XYZ	44.7466, 52.2742, 58.1876
YIQ	186.9540, -20.7220, -9.9220

Conversions

Conversions Part 2

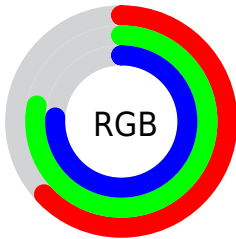
Format	Color
RYB	161, 182, 199
Decimal	10602433
CIELab	77.44, -13.81, -1.19
CIELCh	77, 13.864, 184.921
Yxy	52.2742, 0.2883, 0.3368
Android (android.graphics.Color)	4288792513 (0xFFA1C7C1)
YUV	186.9540, 2.9807, -22.7617
Hunter-Lab	72.3009, -16.0540, 2.8941

Details

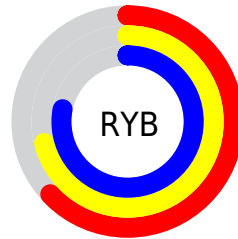
The Yxy color **52.2742, 0.2883, 0.3368** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4205, 0.3441, 0.3214**, and the grayscale version is **49.6591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9585, 0.2926, 0.3351**, and **25.3955, 0.2816, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **50.2322, 0.2767, 0.3414**, and if you desaturate by 10%, it is **54.6526, 0.3008, 0.3325**.

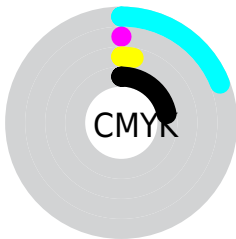
Distribution



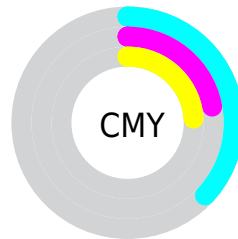
- Red (63%)
- Green (78%)
- Blue (76%)



- Red (63%)
- Yellow (71%)
- Blue (78%)



- Cyan (19%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (37%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2742, 0.2883, 0.3368 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 52.2742, 0.2883, 0.3368 by changing the saturation by 10% instead.

 52.2742, 0.2883,
0.3368


 52.2742, 0.2883,
0.3368


395.4943, 0.3002,
0.3330

 37.2237, 0.2854,
0.3377


 93.5355, 0.2926,
0.3355

 25.3807, 0.2817,
0.3388


 120.5151, 0.2942,
0.3349

 16.3609, 0.2769,
0.3403


152.2398, 0.2956,
0.3345

 9.7799, 0.2703,
0.3423

189.0940, 0.2968,
0.3341

 5.2533, 0.2607,
0.3452

231.4622, 0.2978,
0.3338

 2.3966, 0.2456,
0.3496

279.7287, 0.2987,

 0.8242, 0.1982,

0.3335

0.3661

334.2779, 0.2995,
0.3333

0.0000, 0.0000,
0.0000

52.2742, 0.2883,
0.3368

52.2742, 0.2883,
0.3368

50.2322, 0.2767,
0.3414

54.6526, 0.3008,
0.3325

48.5044, 0.2662,
0.3464

57.3753, 0.3139,
0.3287

47.0764, 0.2571,
0.3516

60.4583, 0.3273,
0.3252

45.9296, 0.2498,
0.3570

63.9143, 0.3409,
0.3221

45.0437, 0.2443,
0.3625

66.6981, 0.3500,
0.3192

■ 44.3955, 0.2407,
0.3682

■ 66.8549, 0.3475,
0.3160

■ 43.9577, 0.2390,
0.3738

■ 67.0148, 0.3450,
0.3128

■ 43.6838, 0.2388,
0.3793

■ 67.1777, 0.3426,
0.3096

■ 43.6618, 0.2388,
0.3798

■ 67.3438, 0.3402,
0.3065

Harmonies

Analogous

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



52.2742, 0.3045, 0.3523



52.2742, 0.2883, 0.3368



52.2742, 0.2787, 0.3195

Triad

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



52.2742, 0.2883, 0.3368



52.2742, 0.3014, 0.2991



52.2742, 0.3488, 0.3513

Complementary

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



52.2742, 0.2883, 0.3368



40.4205, 0.3441, 0.3214

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.



52.2742, 0.3480, 0.3368



52.2742, 0.2883, 0.3368



52.2742, 0.3202, 0.3073

Square

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



52.2742, 0.2883, 0.3368



52.2742, 0.2860, 0.2983



52.2742, 0.3374, 0.3209



52.2742, 0.3396, 0.3605

Rectangle

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



52.2742, 0.2883, 0.3368



52.2742, 0.2771, 0.3095



52.2742, 0.3374, 0.3209



52.2742, 0.3497, 0.3469

Sweetspot

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



52.2764, 0.2883, 0.3368



97.0583, 0.3047, 0.3313



51.6737, 0.3152, 0.3800



20.7089, 0.3038, 0.3316



0.0000, 0.0000, 0.0000



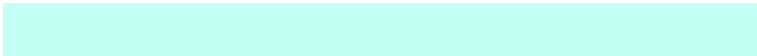
21.4041, 0.3127, 0.3290

Same Dimension

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



52.2764, 0.2883, 0.3368



89.9410, 0.2832, 0.3387



46.9595, 0.2834, 0.3121



12.0377, 0.3004, 0.3327



28.0846, 0.2386, 0.3791



1.3378, 0.2354, 0.3674

Inverse Universe

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



40.4205, 0.3441, 0.3214



65.3349, 0.3529, 0.3196



44.8587, 0.3468, 0.3453



10.6638, 0.3265, 0.3254



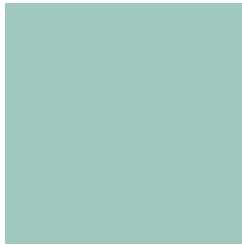
7.8811, 0.6160, 0.3167



0.3820, 0.5641, 0.2881

Previews

White Background



This preview shows how the Yxy color 52.2742, 0.2883, 0.3368 looks on a white background.

Color Contrast Check

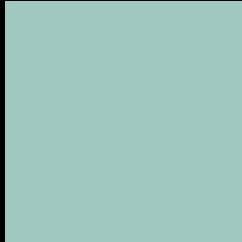
Large Text (above 18pt) WCAG AA × Fail

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 52.2742, 0.2883, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

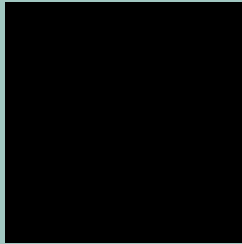
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

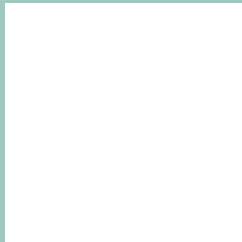
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2742, 0.2883, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 52.2742, 0.2883, 0.3368.



This preview shows how white text looks on a background with the Yxy color 52.2742, 0.2883, 0.3368.

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

52.2742, 0.2883, 0.3368

Protanopia

52.0599, 0.3184, 0.3315

Deuteranopia

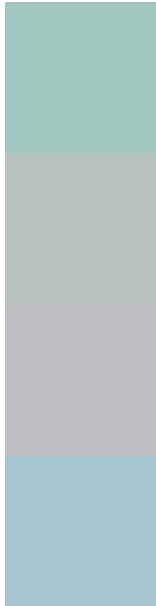
51.9488, 0.3226, 0.3159



Tritanopia

52.2327, 0.2785, 0.3086

Trichromacy



Original Color

52.2742, 0.2883, 0.3368

Protanomaly

51.9249, 0.3069, 0.3328

Deuteranomaly

51.7142, 0.3090, 0.3228

Tritanomaly

52.2328, 0.2824, 0.3186

Monochromacy



Original Color

52.2742, 0.2883, 0.3368

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.4007, 0.3038, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2742, 0.2883, 0.3368 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(161, 199, 193)` looks like.

```
.text, #text, p{  
    color:rgb(161, 199, 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(161, 199, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 199, 193) }
```

Border

The CSS property to change the border of an element to Yxy 52.2742, 0.2883, 0.3368 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(161, 199, 193) }
```

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

```
.border{ border-color:rgb(161, 199, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 199, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 199, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 199, 193);  
box-shadow:4px 4px 4px 4px rgb(161, 199,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2742, 0.2883, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 199, 193) }
```

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

```
.background{ background-color: rgb(161,  
199, 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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