

Converting Colors

$Y_{xy}(52.2979, 0.2930, 0.3476)$

Have a look what the booklet for
Yxy(52.2979, 0.2930, 0.3476)
contains.

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Color

Yxy(52.4308, 0.2930, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	A1C8BA
RGB	161, 200, 186
RGB Percent	63%, 78%, 73%
CMY	0.3688, 0.2156, 0.2706
CMYK	0.20, 0.00, 0.07, 0.22
HSL	158°, 26%, 71%
HSV	158°, 20%, 78%
XYZ	44.2078, 52.4308, 54.2414
YIQ	186.7430, -18.7500, -12.6220

Conversions

Conversions Part 2

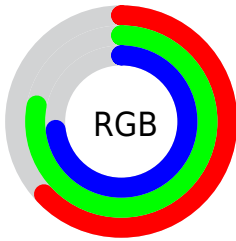
Format	Color
RYB	161, 185, 200
Decimal	10602682
CIELab	77.54, -15.78, 2.73
CIELCh	78, 16.016, 170.198
Yxy	52.4308, 0.2930, 0.3475
Android (android.graphics.Color)	4288792762 (0xFFA1C8BA)
YUV	186.7430, -0.3663, -22.5766
Hunter-Lab	72.4091, -17.7366, 6.2725

Details

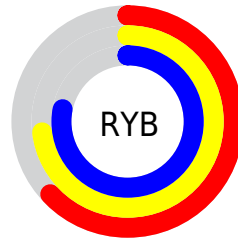
The Yxy color **52.4308, 0.2930, 0.3475** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.8500, 0.3375, 0.3113**, and the grayscale version is **49.5482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5297, 0.2964, 0.3424**, and **25.5024, 0.2878, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **50.2215, 0.2837, 0.3584**, and if you desaturate by 10%, it is **54.9922, 0.3029, 0.3376**.

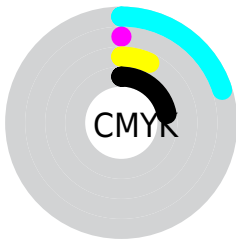
Distribution



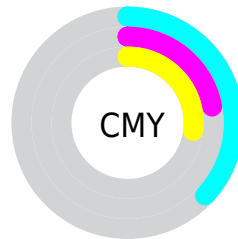
- Red (63%)
- Green (78%)
- Blue (73%)



- Red (63%)
- Yellow (73%)
- Blue (78%)



- Cyan (20%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (37%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4308, 0.2930, 0.3475 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 52.4308, 0.2930, 0.3475 by changing the saturation by 10% instead.

■ 52.4308, 0.2930,
0.3475

■ 52.4308, 0.2930,
0.3475

396.0975, 0.3027,
0.3383

■ 37.3486, 0.2906,
0.3498

■ 93.7663, 0.2965,
0.3442

■ 25.4775, 0.2876,
0.3527

■ 120.7883, 0.2978,
0.3429

■ 16.4332, 0.2836,
0.3565

152.5591, 0.2989,
0.3419

■ 9.8312, 0.2781,
0.3618

189.4629, 0.2999,
0.3410

■ 5.2872, 0.2700,
0.3697

231.8843, 0.3007,
0.3402

■ 2.4167, 0.2571,
0.3826

280.2076, 0.3015,

■ 0.8345, 0.2081,

0.3395

0.4257

334.8172, 0.3021,
0.3389

0.0000, 0.0000,
0.0000

52.4308, 0.2930,
0.3475

52.4308, 0.2930,
0.3475

50.2215, 0.2837,
0.3584

54.9922, 0.3029,
0.3376

48.3417, 0.2753,
0.3702

57.9140, 0.3132,
0.3286

46.7763, 0.2681,
0.3828

61.2126, 0.3236,
0.3206

45.5065, 0.2625,
0.3961

64.9011, 0.3340,
0.3135

44.5112, 0.2586,
0.4098

67.8436, 0.3395,
0.3069

■ 43.7666, 0.2568,
0.4237

■ 68.2365, 0.3341,
0.2998

■ 43.2446, 0.2569,
0.4375

■ 68.6461, 0.3287,
0.2928

■ 42.8950, 0.2587,
0.4511

■ 69.0724, 0.3235,
0.2859

■ 42.8799, 0.2588,
0.4517

■ 69.5158, 0.3183,
0.2792

Harmonies

Analogous

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



52.4308, 0.3138, 0.3623



52.4308, 0.2930, 0.3475



52.4308, 0.2778, 0.3276

Triad

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



52.4308, 0.2930, 0.3475



52.4308, 0.2901, 0.2930



52.4308, 0.3555, 0.3469

Complementary

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



52.4308, 0.2930, 0.3475



40.8500, 0.3375, 0.3113

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.



52.4308, 0.3488, 0.3288



52.4308, 0.2930, 0.3475



52.4308, 0.3105, 0.2985

Square

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



52.4308, 0.2930, 0.3475



52.4308, 0.2762, 0.2966



52.4308, 0.3321, 0.3114



52.4308, 0.3502, 0.3611

Rectangle

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



52.4308, 0.2930, 0.3475



52.4308, 0.2726, 0.3146



52.4308, 0.3321, 0.3114



52.4308, 0.3546, 0.3410

Sweetspot

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



52.4330, 0.2930, 0.3475



96.8641, 0.3064, 0.3344



53.0333, 0.3215, 0.3803



20.6629, 0.3058, 0.3350



0.0000, 0.0000, 0.0000



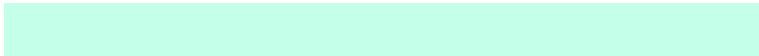
21.4041, 0.3127, 0.3290

Same Dimension

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



52.4330, 0.2930, 0.3475



89.2403, 0.2894, 0.3515



50.6872, 0.2833, 0.3221



12.0004, 0.3031, 0.3374



27.2777, 0.2583, 0.4498



1.3051, 0.2504, 0.4215

Inverse Universe

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



40.8500, 0.3375, 0.3113



65.9286, 0.3436, 0.3076



42.1852, 0.3496, 0.3358



10.6988, 0.3234, 0.3207



8.1190, 0.5519, 0.2814



0.3983, 0.4939, 0.2494

Previews

White Background



This preview shows how the Yxy color 52.4308, 0.2930, 0.3475 looks on a white background.

Color Contrast Check

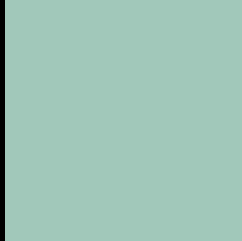
Large Text (above 18pt) WCAG AA × Fail

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 52.4308, 0.2930, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

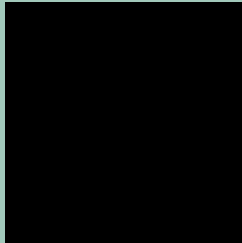
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

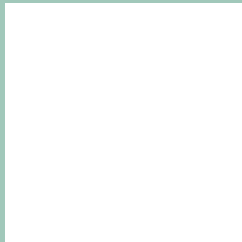
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4308, 0.2930, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 52.4308, 0.2930, 0.3475.

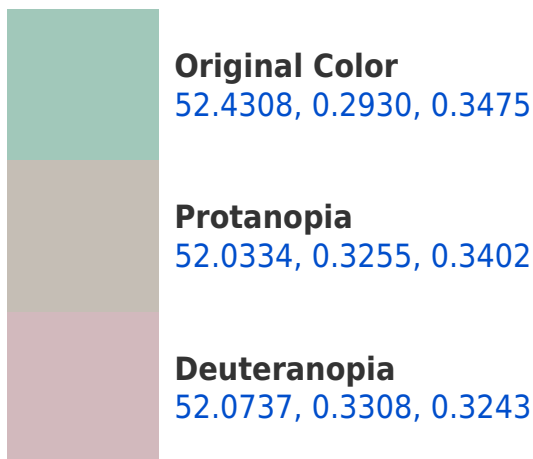


This preview shows how white text looks on a background with the Yxy color 52.4308, 0.2930, 0.3475.

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





Tritanopia

52.3403, 0.2792, 0.3086

Trichromacy



Original Color

52.4308, 0.2930, 0.3475

Protanomaly

52.1928, 0.3129, 0.3430

Deuteranomaly

51.6642, 0.3159, 0.3315

Tritanomaly

52.1368, 0.2837, 0.3212

Monochromacy



Original Color

52.4308, 0.2930, 0.3475

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.7521, 0.3052, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4308, 0.2930, 0.3475 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, 200, 186)` looks like.

```
.text, #text, p{  
    color:rgb(161, 200, 186)  
}
```

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, 200, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 200, 186) }
```

Border

The CSS property to change the border of an element to Yxy 52.4308, 0.2930, 0.3475 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, 200, 186) }
```

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

```
.border{ border-color:rgb(161, 200, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 200, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 200, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 200, 186); box-shadow:4px 4px 4px 4px rgb(161, 200, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4308, 0.2930, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 200, 186) }
```

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

```
.background{ background-color: rgb(161,  
200, 186) }
```

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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