

Converting Colors

$Yxy(52.5103, 0.2927, 0.3451)$

Have a look what the booklet for
Yxy(52.5103, 0.2927, 0.3451)
contains.

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Color

Yxy(52.6208, 0.2924, 0.3448)

Conversions

Conversions Part 1

Format	Color
Hex	A2C8BC
RGB	162, 200, 188
RGB Percent	64%, 78%, 74%
CMY	0.3648, 0.2156, 0.2628
CMYK	0.19, 0.00, 0.06, 0.22
HSL	161°, 26%, 71%
HSV	161°, 19%, 78%
XYZ	44.6239, 52.6208, 55.3678
YIQ	187.2700, -18.7960, -11.7880

Conversions

Conversions Part 2

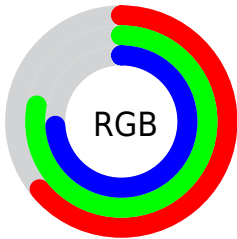
Format	Color
RYB	162, 185, 200
Decimal	10668220
CIELab	77.65, -15.06, 1.83
CIELCh	78, 15.168, 173.066
Yxy	52.6208, 0.2924, 0.3448
Android (android.graphics.Color)	4288858300 (0xFFA2C8BC)
YUV	187.2700, 0.3599, -22.1618
Hunter-Lab	72.5402, -17.1391, 5.5238

Details

The Yxy color **52.6208, 0.2924, 0.3448** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.1656, 0.3383, 0.3138**, and the grayscale version is **49.8570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8034, 0.2959, 0.3402**, and **25.6220, 0.2870, 0.3488** is the 20% darker color. If you saturate the color by 10%, you get **50.4259, 0.2826, 0.3543**, and if you desaturate by 10%, it is **55.1652, 0.3029, 0.3361**.

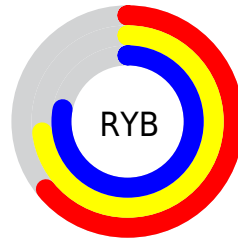
Distribution



Red (64%)

Green (78%)

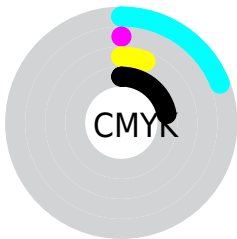
Blue (74%)



Red (64%)

Yellow (73%)

Blue (78%)

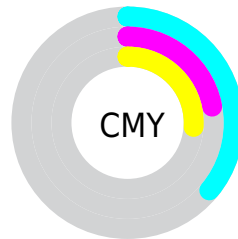


Cyan (19%)

Magenta (0%)

Yellow (6%)

Black (22%)



Cyan (36%)


Magenta (22%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6208, 0.2924, 0.3448 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 52.6208, 0.2924, 0.3448 by changing the saturation by 10% instead.


 52.6208, 0.2924,
0.3448


 52.6208, 0.2924,
0.3448


396.8286, 0.3024,
0.3370

 37.5001, 0.2900,
0.3467


 94.0461, 0.2960,
0.3420

 25.5950, 0.2869,
0.3492


 121.1196, 0.2973,
0.3409

 16.5209, 0.2828,
0.3524


152.9462, 0.2985,
0.3400

 9.8935, 0.2772,
0.3569

189.9102, 0.2995,
0.3393

 5.3284, 0.2690,
0.3635

232.3960, 0.3004,
0.3386

 2.4412, 0.2559,
0.3741

280.7881, 0.3011,

 0.8470, 0.2105,

0.3380

0.4075

335.4708, 0.3018,
0.3375

0.0000, 0.0000,
0.0000

52.6208, 0.2924,
0.3448

52.6208, 0.2924,
0.3448

50.4259, 0.2826,
0.3543

55.1652, 0.3029,
0.3361

48.5580, 0.2737,
0.3646

58.0673, 0.3138,
0.3283

47.0022, 0.2660,
0.3756

61.3433, 0.3248,
0.3213

45.7398, 0.2599,
0.3871

65.0063, 0.3359,
0.3150

44.7500, 0.2556,
0.3990

67.7225, 0.3413,
0.3091

■ 44.0091, 0.2533,
0.4111

■ 68.0635, 0.3365,
0.3028

■ 43.4894, 0.2530,
0.4232

■ 68.4172, 0.3317,
0.2966

■ 43.1444, 0.2544,
0.4351

■ 68.7839, 0.3270,
0.2905

■ 43.1140, 0.2545,
0.4362

■ 69.1637, 0.3224,
0.2845

Harmonies

Analogous

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



52.6208, 0.3118, 0.3594



52.6208, 0.2924, 0.3448



52.6208, 0.2787, 0.3259

Triad

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



52.6208, 0.2924, 0.3448



52.6208, 0.2930, 0.2950



52.6208, 0.3532, 0.3475

Complementary

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



52.6208, 0.2924, 0.3448



41.1656, 0.3383, 0.3138

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.



52.6208, 0.3479, 0.3305



52.6208, 0.2924, 0.3448



52.6208, 0.3126, 0.3010

Square

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



52.6208, 0.2924, 0.3448



52.6208, 0.2790, 0.2976



52.6208, 0.3329, 0.3138



52.6208, 0.3472, 0.3603

Rectangle

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



52.6208, 0.2924, 0.3448



52.6208, 0.2744, 0.3138



52.6208, 0.3329, 0.3138



52.6208, 0.3526, 0.3421

Sweetspot

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



52.6230, 0.2924, 0.3448



96.9049, 0.3061, 0.3337



52.9231, 0.3198, 0.3791



20.6726, 0.3054, 0.3343



0.0000, 0.0000, 0.0000



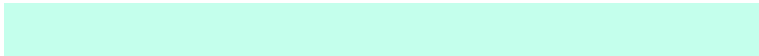
21.4041, 0.3127, 0.3290

Same Dimension

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



52.6230, 0.2924, 0.3448



89.3848, 0.2881, 0.3488



50.0057, 0.2839, 0.3198



12.0082, 0.3025, 0.3364



27.4257, 0.2541, 0.4346



1.3113, 0.2472, 0.4098

Inverse Universe

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



41.1656, 0.3383, 0.3138



65.7994, 0.3455, 0.3101



43.2425, 0.3480, 0.3380



10.6913, 0.3241, 0.3217



8.0523, 0.5680, 0.2903



0.3945, 0.5078, 0.2571

Previews

White Background



This preview shows how the Yxy color 52.6208, 0.2924, 0.3448 looks on a white background.

Color Contrast Check

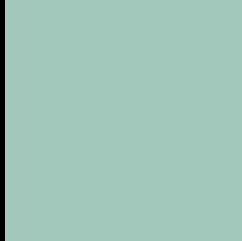
Large Text (above 18pt) WCAG AA × Fail

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 52.6208, 0.2924, 0.3448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

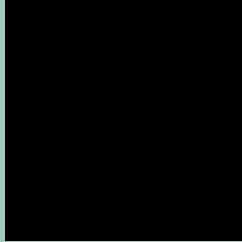
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

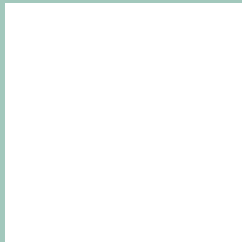
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6208, 0.2924, 0.3448

Background



This preview shows how black text looks on a background with the Yxy color 52.6208, 0.2924, 0.3448.



This preview shows how white text looks on a background with the Yxy color 52.6208, 0.2924, 0.3448.

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

52.6208, 0.2924, 0.3448

Protanopia

52.5508, 0.3238, 0.3389

Deuteranopia

52.1611, 0.3291, 0.3219



Tritanopia

52.3403, 0.2792, 0.3086

Trichromacy



Original Color

52.6208, 0.2924, 0.3448

Protanomaly

52.2767, 0.3114, 0.3404

Deuteranomaly

51.8821, 0.3152, 0.3290

Tritanomaly

52.2436, 0.2844, 0.3212

Monochromacy



Original Color

52.6208, 0.2924, 0.3448

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 52.6208, 0.2924, 0.3448 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, 200, 188)` looks like.

```
.text, #text, p{  
    color:rgb(162, 200, 188)  
}
```

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, 200, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 200, 188) }
```

Border

The CSS property to change the border of an element to Yxy 52.6208, 0.2924, 0.3448 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, 200, 188) }
```

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

```
.border{ border-color:rgb(162, 200, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 200, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 200, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 200, 188);  
box-shadow:4px 4px 4px 4px rgb(162, 200,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6208, 0.2924, 0.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 200, 188) }
```

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

```
.background{ background-color: rgb(162,  
200, 188) }
```

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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