

Converting Colors

$Yxy(51.9831, 0.2971, 0.3511)$

Have a look what the booklet for
Yxy(51.9831, 0.2971, 0.3511)
contains.

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Color

Yxy(52.0108, 0.2972, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	A3C7B6
RGB	163, 199, 182
RGB Percent	64%, 78%, 71%
CMY	0.3607, 0.2196, 0.2862
CMYK	0.18, 0.00, 0.09, 0.22
HSL	152°, 24%, 71%
HSV	152°, 18%, 78%
XYZ	43.9761, 52.0108, 51.9812
YIQ	186.2980, -15.9990, -12.9190

Conversions

Conversions Part 2

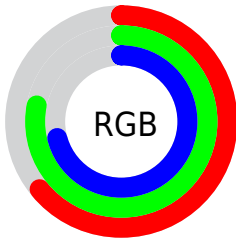
Format	Color
RYB	163, 187, 199
Decimal	10733494
CIELab	77.29, -15.38, 4.53
CIELCh	77, 16.034, 163.595
Yxy	52.0108, 0.2972, 0.3515
Android (android.graphics.Color)	4288923574 (0xFFA3C7B6)
YUV	186.2980, -2.1189, -20.4323
Hunter-Lab	72.1185, -17.3624, 7.7482

Details

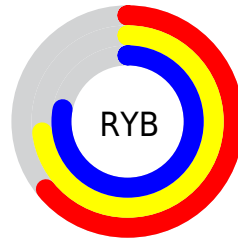
The Yxy color **52.0108, 0.2972, 0.3515** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.6428, 0.3316, 0.3076**, and the grayscale version is **49.3016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5985, 0.2997, 0.3465**, and **25.2153, 0.2932, 0.3581** is the 20% darker color. If you saturate the color by 10%, you get **49.6988, 0.2892, 0.3659**, and if you desaturate by 10%, it is **54.6838, 0.3057, 0.3385**.

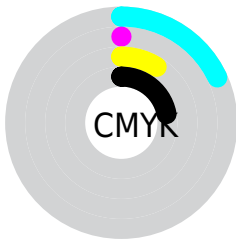
Distribution



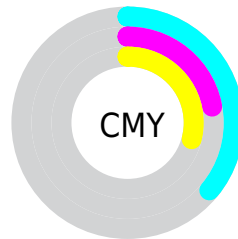
- Red (64%)
- Green (78%)
- Blue (71%)



- Red (64%)
- Yellow (73%)
- Blue (78%)



- Cyan (18%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)



- Cyan (36%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0108, 0.2972, 0.3515 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 52.0108, 0.2972, 0.3515 by changing the saturation by 10% instead.

■ 52.0108, 0.2972,
0.3515

■ 52.0108, 0.2972,
0.3515

■ 394.4783, 0.3049,
0.3403

■ 37.0137, 0.2953,
0.3543

■ 93.1472, 0.3000,
0.3474

■ 25.2181, 0.2929,
0.3579

■ 120.0552, 0.3010,
0.3459

■ 16.2396, 0.2896,
0.3627

■ 151.7023, 0.3019,
0.3446

■ 9.6939, 0.2851,
0.3693

■ 188.4730, 0.3027,
0.3435

■ 5.1965, 0.2785,
0.3793

■ 230.7515, 0.3034,
0.3425

■ 2.3630, 0.2676,
0.3957

■ 278.9223, 0.3039,

■ 0.8067, 0.2224,

0.3417

0.4584

333.3698, 0.3044,
0.3409

0.0000, 0.0000,
0.0000

52.0108, 0.2972,
0.3515

52.0108, 0.2972,
0.3515

49.6988, 0.2892,
0.3659

54.6838, 0.3057,
0.3385

47.7254, 0.2818,
0.3816

57.7261, 0.3144,
0.3269

46.0755, 0.2756,
0.3984

61.1540, 0.3231,
0.3165

44.7304, 0.2707,
0.4162

64.9807, 0.3317,
0.3074

43.6695, 0.2675,
0.4346

67.7629, 0.3343,
0.2988

■ 42.8693, 0.2662,
0.4531

■ 68.3023, 0.3272,
0.2897

■ 42.3024, 0.2669,
0.4713

■ 68.8706, 0.3204,
0.2808

■ 41.9279, 0.2695,
0.4888

■ 69.3255, 0.3153,
0.2742

■ 41.8655, 0.2700,
0.4921

Harmonies

Analogous

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



52.0108, 0.3186, 0.3645



52.0108, 0.2972, 0.3515



52.0108, 0.2803, 0.3321

Triad

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



52.0108, 0.2972, 0.3515



52.0108, 0.2863, 0.2929



52.0108, 0.3552, 0.3431

Complementary

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



52.0108, 0.2972, 0.3515



41.6428, 0.3316, 0.3076

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.



52.0108, 0.3460, 0.3247



52.0108, 0.2972, 0.3515



52.0108, 0.3057, 0.2965

Square

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



52.0108, 0.2972, 0.3515



52.0108, 0.2742, 0.2984



52.0108, 0.3276, 0.3080



52.0108, 0.3525, 0.3586

Rectangle

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



52.0108, 0.2972, 0.3515



52.0108, 0.2737, 0.3187



52.0108, 0.3276, 0.3080



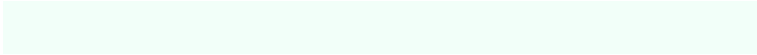
52.0108, 0.3534, 0.3371

Sweetspot

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



52.0130, 0.2972, 0.3515



97.2797, 0.3083, 0.3349



53.2440, 0.3243, 0.3757



20.7429, 0.3077, 0.3357



0.0000, 0.0000, 0.0000



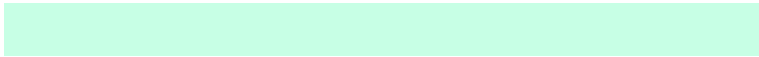
21.4041, 0.3127, 0.3290

Same Dimension

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



52.0130, 0.2972, 0.3515



89.2778, 0.2937, 0.3574



52.4833, 0.2858, 0.3281



11.9798, 0.3046, 0.3401



26.9392, 0.2694, 0.4898



1.2901, 0.2592, 0.4531

Inverse Universe

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



41.6428, 0.3316, 0.3076



67.5188, 0.3370, 0.3022



41.2057, 0.3472, 0.3299



10.7190, 0.3217, 0.3181



8.3447, 0.5056, 0.2559



0.4097, 0.4572, 0.2292

Previews

White Background



This preview shows how the Yxy color 52.0108, 0.2972, 0.3515 looks on a white background.

Color Contrast Check

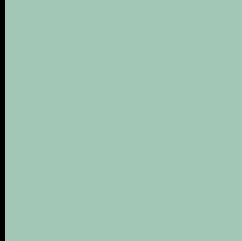
Large Text (above 18pt) WCAG AA × Fail

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 52.0108, 0.2972, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

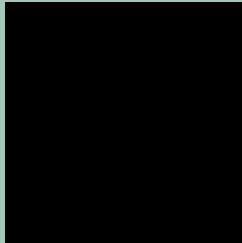
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

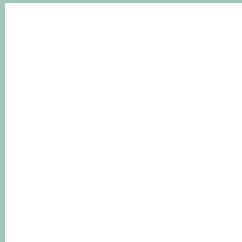
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0108, 0.2972, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 52.0108, 0.2972, 0.3515.



This preview shows how white text looks on a background with the Yxy color 52.0108, 0.2972, 0.3515.

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

52.0108, 0.2972, 0.3515

Protanopia

51.8716, 0.3286, 0.3452

Deuteranopia

51.6326, 0.3350, 0.3279



Tritanopia

52.0082, 0.2818, 0.3099

Trichromacy



Original Color

52.0108, 0.2972, 0.3515

Protanomaly

51.7089, 0.3167, 0.3469

Deuteranomaly

51.3252, 0.3207, 0.3353

Tritanomaly

51.7570, 0.2871, 0.3238

Monochromacy



Original Color

52.0108, 0.2972, 0.3515

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.2294, 0.3067, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0108, 0.2972, 0.3515 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, 199, 182)` looks like.

```
.text, #text, p{  
    color:rgb(163, 199, 182)  
}
```

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, 199, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 199, 182) }
```

Border

The CSS property to change the border of an element to Yxy 52.0108, 0.2972, 0.3515 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, 199, 182) }
```

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

```
.border{ border-color:rgb(163, 199, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 199, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 199, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 199, 182);  
box-shadow:4px 4px 4px 4px rgb(163, 199,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0108, 0.2972, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 199, 182) }
```

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

```
.background{ background-color: rgb(163,  
199, 182) }
```

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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