

Converting Colors

$Y_{xy}(52.8302, 0.2956, 0.3550)$

Have a look what the booklet for
Yxy(52.8302, 0.2956, 0.3550)
contains.

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Color

Yxy(52.7278, 0.2958, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	A1C9B6
RGB	161, 201, 182
RGB Percent	63%, 79%, 71%
CMY	0.3684, 0.2118, 0.2863
CMYK	0.20, 0.00, 0.09, 0.21
HSL	151°, 27%, 71%
HSV	151°, 20%, 79%
XYZ	44.0341, 52.7278, 52.1026
YIQ	186.8740, -17.7410, -14.3890

Conversions

Conversions Part 2

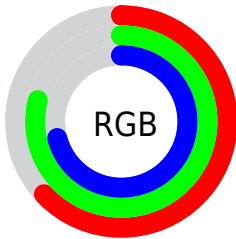
Format	Color
RYB	161, 187, 201
Decimal	10602934
CIELab	77.71, -17.05, 5.14
CIELCh	78, 17.809, 163.216
Yxy	52.7278, 0.2958, 0.3542
Android (android.graphics.Color)	4288793014 (0xFFA1C9B6)
YUV	186.8740, -2.4029, -22.6915
Hunter-Lab	72.6139, -18.8294, 8.2875

Details

The Yxy color **52.7278, 0.2958, 0.3542** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.2226, 0.3337, 0.3051**, and the grayscale version is **49.6462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2920, 0.2986, 0.3466**, and **25.7036, 0.2914, 0.3618** is the 20% darker color. If you saturate the color by 10%, you get **50.4240, 0.2879, 0.3689**, and if you desaturate by 10%, it is **55.3988, 0.3042, 0.3408**.

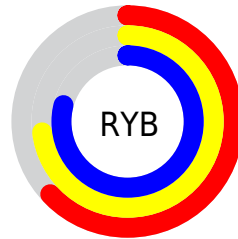
Distribution



Red (63%)

Green (79%)

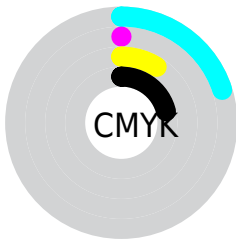
Blue (71%)



Red (63%)

Yellow (73%)

Blue (79%)

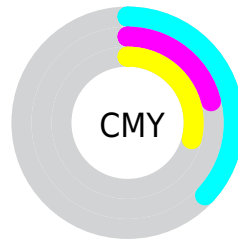


Cyan (20%)

Magenta (0%)

Yellow (9%)

Black (21%)



Cyan (37%)


Magenta (21%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7278, 0.2958, 0.3542 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 52.7278, 0.2958, 0.3542 by changing the saturation by 10% instead.


 52.7278, 0.2958,
0.3542


 52.7278, 0.2958,
0.3542


397.2399, 0.3042,
0.3416

 37.5855, 0.2937,
0.3573


 94.2037, 0.2988,
0.3496

 25.6612, 0.2911,
0.3613


 121.3061, 0.3000,
0.3479

 16.5703, 0.2876,
0.3667


153.1640, 0.3009,
0.3465

 9.9286, 0.2827,
0.3741

190.1618, 0.3018,
0.3452

 5.3517, 0.2755,
0.3852

232.6839, 0.3025,
0.3442

 2.4550, 0.2637,
0.4035

281.1147, 0.3031,

 0.8540, 0.2173,

0.3432

0.4693

335.8386, 0.3037,
0.3424

0.0000, 0.0000,
0.0000

52.7278, 0.2958,
0.3542

52.7278, 0.2958,
0.3542

50.4240, 0.2879,
0.3689

55.3988, 0.3042,
0.3408

48.4641, 0.2808,
0.3850

58.4457, 0.3128,
0.3289

46.8326, 0.2748,
0.4022

61.8853, 0.3215,
0.3182

45.5099, 0.2702,
0.4203

65.7315, 0.3301,
0.3088

44.4742, 0.2674,
0.4389

68.7337, 0.3334,
0.3000

■ 43.7011, 0.2665,
0.4576

■ 69.2856, 0.3263,
0.2908

■ 43.1615, 0.2676,
0.4758

■ 69.8673, 0.3195,
0.2817

■ 42.8017, 0.2704,
0.4933

■ 70.2508, 0.3152,
0.2762

■ 42.7975, 0.2704,
0.4935

Harmonies

Analogous

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



52.7278, 0.3194, 0.3685



52.7278, 0.2958, 0.3542



52.7278, 0.2772, 0.3326

Triad

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



52.7278, 0.2958, 0.3542



52.7278, 0.2833, 0.2892



52.7278, 0.3597, 0.3442

Complementary

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



52.7278, 0.2958, 0.3542



41.2226, 0.3337, 0.3051

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.



52.7278, 0.3493, 0.3240



52.7278, 0.2958, 0.3542



52.7278, 0.3046, 0.2931

Square

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



52.7278, 0.2958, 0.3542



52.7278, 0.2701, 0.2954



52.7278, 0.3288, 0.3056



52.7278, 0.3569, 0.3615

Rectangle

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



52.7278, 0.2958, 0.3542



52.7278, 0.2698, 0.3177



52.7278, 0.3288, 0.3056



52.7278, 0.3576, 0.3375

Sweetspot

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



52.7300, 0.2958, 0.3542



96.7526, 0.3074, 0.3361



54.0922, 0.3254, 0.3807



20.6365, 0.3069, 0.3369



0.0000, 0.0000, 0.0000



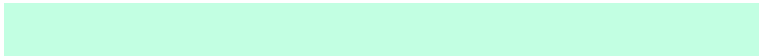
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7300, 0.2958, 0.3542



88.4468, 0.2922, 0.3606



53.2604, 0.2832, 0.3281



11.9792, 0.3046, 0.3402



26.9297, 0.2697, 0.4910



1.2897, 0.2595, 0.4542

Inverse Universe

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



41.2226, 0.3337, 0.3051



65.0785, 0.3396, 0.2995



40.7331, 0.3515, 0.3300



10.7196, 0.3216, 0.3181



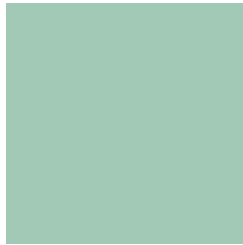
8.3531, 0.5041, 0.2550



0.4101, 0.4560, 0.2286

Previews

White Background



This preview shows how the Yxy color 52.7278, 0.2958, 0.3542 looks on a white background.

Color Contrast Check

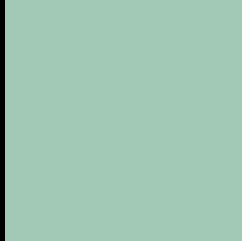
Large Text (above 18pt) WCAG AA × Fail

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 52.7278, 0.2958, 0.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

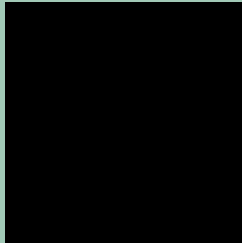
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

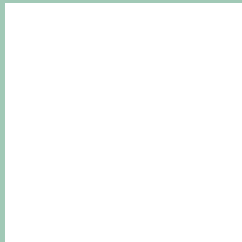
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7278, 0.2958, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 52.7278, 0.2958, 0.3542.



This preview shows how white text looks on a background with the Yxy color 52.7278, 0.2958, 0.3542.

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

52.7278, 0.2958, 0.3542

Protanopia

52.5780, 0.3302, 0.3464

Deuteranopia

52.1978, 0.3357, 0.3291



Tritanopia

52.9015, 0.2800, 0.3100

Trichromacy



Original Color

52.7278, 0.2958, 0.3542

Protanomaly

52.5992, 0.3166, 0.3494

Deuteranomaly

52.0598, 0.3197, 0.3378

Tritanomaly

52.6045, 0.2858, 0.3251

Monochromacy



Original Color

52.7278, 0.2958, 0.3542

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.6670, 0.3067, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7278, 0.2958, 0.3542 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, 201, 182)` looks like.

```
.text, #text, p{  
    color:rgb(161, 201, 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(161, 201, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 201, 182) }
```

Border

The CSS property to change the border of an element to Yxy 52.7278, 0.2958, 0.3542 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, 201, 182) }
```

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

```
.border{ border-color:rgb(161, 201, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 201, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 201, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 201, 182);  
box-shadow:4px 4px 4px 4px rgb(161, 201,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7278, 0.2958, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 201, 182) }
```

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

```
.background{ background-color: rgb(161,  
201, 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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