

Converting Colors

Yxy(52.6713, 0.2958, 0.3431)

Have a look what the booklet for
Yxy(52.6713, 0.2958, 0.3431)
contains.

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Color

Yxy(52.6932, 0.2960, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	A7C7BC
RGB	167, 199, 188
RGB Percent	65%, 78%, 74%
CMY	0.3452, 0.2196, 0.2627
CMYK	0.16, 0.00, 0.06, 0.22
HSL	159°, 22%, 72%
HSV	159°, 16%, 78%
XYZ	45.4331, 52.6932, 55.3639
YIQ	188.1780, -15.5410, -10.2050

Conversions

Conversions Part 2

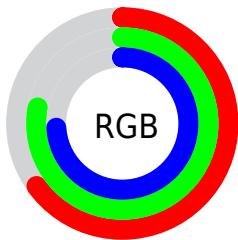
Format	Color
R _{YB}	167, 186, 199
Decimal	10995644
CIE Lab	77.69, -12.91, 1.91
CIE LCh	78, 13.048, 171.587
Yxy	52.6932, 0.2960, 0.3433
Android (android.graphics.Color)	4289185724 (0xFFA7C7BC)
YUV	188.1780, -0.0878, -18.5731
Hunter-Lab	72.5901, -15.3120, 5.5930

Details

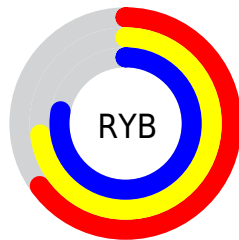
The Yxy color **52.6932, 0.2960, 0.3433** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.9816, 0.3329, 0.3152**, and the grayscale version is **50.4015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5812, 0.2988, 0.3402**, and **25.6449, 0.2917, 0.3468** is the 20% darker color. If you saturate the color by 10%, you get **50.4051, 0.2863, 0.3534**, and if you desaturate by 10%, it is **55.3331, 0.3063, 0.3341**.

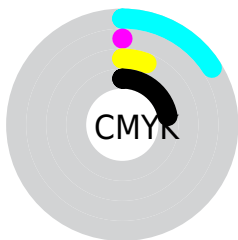
Distribution



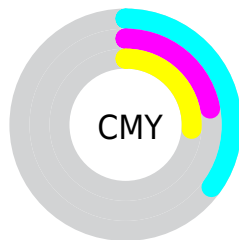
- Red (65%)
- Green (78%)
- Blue (74%)



- Red (65%)
- Yellow (73%)
- Blue (78%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)




- Cyan (35%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6932, 0.2960, 0.3433 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 52.6932, 0.2960, 0.3433 by changing the saturation by 10% instead.


 52.6932, 0.2960,
0.3433

 52.6932, 0.2960,
0.3433


397.1069, 0.3042,
0.3362

 37.5579, 0.2940,
0.3450


 94.1528, 0.2990,
0.3408

 25.6397, 0.2914,
0.3473


 121.2458, 0.3001,
0.3398

 16.5543, 0.2881,
0.3502

153.0936, 0.3010,
0.3390

 9.9173, 0.2834,
0.3542

190.0805, 0.3018,
0.3383

 5.3441, 0.2767,
0.3602

232.5909, 0.3026,
0.3377

 2.4506, 0.2659,
0.3698

281.0091, 0.3032,

 0.8517, 0.2310,

0.3371

0.3980

335.7197, 0.3037,
0.3367

0.0000, 0.0000,
0.0000

52.6932, 0.2960,
0.3433

52.6932, 0.2960,
0.3433

50.4051, 0.2863,
0.3534

55.3331, 0.3063,
0.3341

48.4469, 0.2774,
0.3644

58.3327, 0.3169,
0.3259

46.8041, 0.2696,
0.3761

61.7077, 0.3275,
0.3185

45.4588, 0.2632,
0.3885

65.4710, 0.3381,
0.3120

44.3910, 0.2586,
0.4015

67.3937, 0.3395,
0.3056

■ 43.5782, 0.2559,
0.4146

■ 67.7675, 0.3343,
0.2988

■ 42.9944, 0.2552,
0.4278

■ 68.1563, 0.3292,
0.2922

■ 42.6068, 0.2564,
0.4408

■ 68.5602, 0.3241,
0.2857

■ 42.4838, 0.2572,
0.4459

■ 68.9795, 0.3192,
0.2793

Harmonies

Analogous

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



52.6932, 0.3129, 0.3555



52.6932, 0.2960, 0.3433



52.6932, 0.2838, 0.3272

Triad

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



52.6932, 0.2960, 0.3433



52.6932, 0.2950, 0.2996



52.6932, 0.3474, 0.3444

Complementary

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



52.6932, 0.2960, 0.3433



42.9816, 0.3329, 0.3152

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.



52.6932, 0.3424, 0.3297



52.6932, 0.2960, 0.3433



52.6932, 0.3118, 0.3044

Square

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



52.6932, 0.2960, 0.3433



52.6932, 0.2832, 0.3023



52.6932, 0.3293, 0.3152



52.6932, 0.3428, 0.3556

Rectangle

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



52.6932, 0.2960, 0.3433



52.6932, 0.2798, 0.3168



52.6932, 0.3293, 0.3152



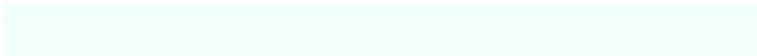
52.6932, 0.3468, 0.3397

Sweetspot

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



52.6954, 0.2960, 0.3433



97.3830, 0.3074, 0.3332



53.1271, 0.3196, 0.3707



20.7681, 0.3066, 0.3339



0.0000, 0.0000, 0.0000



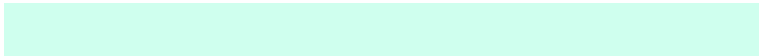
21.4041, 0.3127, 0.3290

Same Dimension

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



52.6954, 0.2960, 0.3433



90.9162, 0.2928, 0.3464



51.0104, 0.2883, 0.3227



12.0034, 0.3029, 0.3370



27.3318, 0.2567, 0.4441



1.3074, 0.2492, 0.4171

Inverse Universe

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



42.9816, 0.3329, 0.3152



71.0046, 0.3377, 0.3123



44.3513, 0.3419, 0.3352



10.6960, 0.3237, 0.3211



8.0929, 0.5581, 0.2848



0.3968, 0.4991, 0.2523

Previews

White Background



This preview shows how the Yxy color 52.6932, 0.2960, 0.3433 looks on a white background.

Color Contrast Check

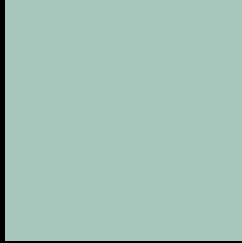
Large Text (above 18pt) WCAG AA × Fail

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 52.6932, 0.2960, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

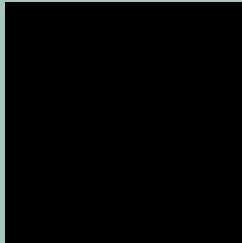
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6932, 0.2960, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 52.6932, 0.2960, 0.3433.

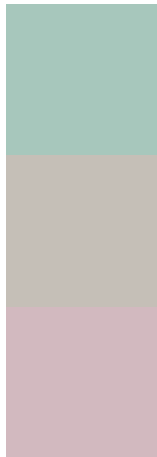


This preview shows how white text looks on a background with the Yxy color 52.6932, 0.2960, 0.3433.

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

52.6932, 0.2960, 0.3433

Protanopia

52.5508, 0.3238, 0.3389

Deuteranopia

52.1611, 0.3291, 0.3219



Tritanopia

52.8409, 0.2834, 0.3101

Trichromacy



Original Color

52.6932, 0.2960, 0.3433

Protanomaly

52.5255, 0.3130, 0.3404

Deuteranomaly

52.0140, 0.3160, 0.3290

Tritanomaly

52.7903, 0.2880, 0.3213

Monochromacy



Original Color

52.6932, 0.2960, 0.3433

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.0334, 0.3061, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6932, 0.2960, 0.3433 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(167, 199, 188)` looks like.

```
.text, #text, p{  
    color:rgb(167, 199, 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(167, 199, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 199, 188) }
```

Border

The CSS property to change the border of an element to Yxy 52.6932, 0.2960, 0.3433 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(167, 199, 188) }
```

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

```
.border{ border-color:rgb(167, 199, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 199, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 199, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 199, 188);  
box-shadow:4px 4px 4px 4px rgb(167, 199,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6932, 0.2960, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 199, 188) }
```

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

```
.background{ background-color: rgb(167,  
199, 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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