

Converting Colors

$Yxy(56.1333, 0.2822, 0.3495)$

Have a look what the booklet for
Yxy(56.1333, 0.2822, 0.3495)
contains.

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Color

Yxy(56.0305, 0.2822, 0.3500)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 97D1C1 |
| RGB | 151, 209, 193 |
| RGB Percent | 59%, 82%, 76% |
| CMY | 0.4082, 0.1803, 0.2432 |
| CMYK | 0.28, 0.00, 0.08, 0.18 |
| HSL | 163°, 39%, 71% |
| HSV | 163°, 28%, 82% |
| XYZ | 45.1766, 56.0305, 58.8801 |
| YIQ | 189.8340, -29.4320, -17.2720 |

Conversions

Conversions Part 2

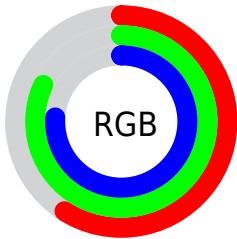
| Format | Color |
|-------------------------------------|--|
| RYB | 151, 185, 209 |
| Decimal | 9949633 |
| CIELab | 79.63, -22.00, 1.94 |
| CIElCh | 80, 22.082, 174.961 |
| Yxy | 56.0305, 0.2822, 0.3500 |
| Android (android.graphics.Color) | 4288139713 (0xFF97D1C1) |
| YUV | 189.8340, 1.5608, -34.0574 |
| Hunter-Lab | 74.8535, -23.2630, 5.7597 |

Details

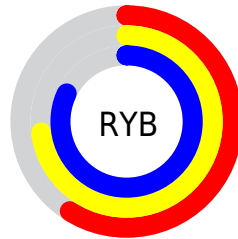
The Yxy color **56.0305, 0.2822, 0.3500** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.4545, 0.3563, 0.3091**, and the grayscale version is **51.3875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4814, 0.2869, 0.3352**, and **27.6013, 0.2736, 0.3541** is the 20% darker color. If you saturate the color by 10%, you get **53.9560, 0.2727, 0.3589**, and if you desaturate by 10%, it is **58.4741, 0.2926, 0.3418**.

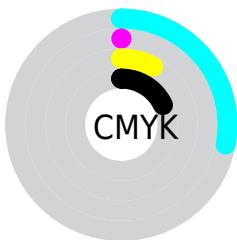
Distribution



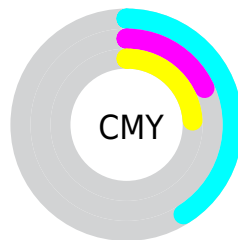
- Red (59%)
- Green (82%)
- Blue (76%)



- Red (59%)
- Yellow (73%)
- Blue (82%)



- Cyan (28%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)





- Cyan (41%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0305, 0.2822, 0.3500 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 56.0305, 0.2822, 0.3500 by changing the saturation by 10% instead.


 56.0305, 0.2822,
0.3500


 56.0305, 0.2822,
0.3500


409.8064, 0.2970,
0.3397

 40.2274, 0.2786,
0.3525


 99.0492, 0.2875,
0.3463

 27.7159, 0.2741,
0.3557


 127.0335, 0.2895,
0.3449

 18.1116, 0.2682,
0.3598


159.8470, 0.2912,
0.3437

 11.0301, 0.2603,
0.3655

197.8742, 0.2927,
0.3427

 6.0871, 0.2488,
0.3737

241.4993, 0.2940,
0.3418

 2.8981, 0.2311,
0.3866

291.1067, 0.2951,

 1.0788, 0.1845,

0.3411

0.4178

347.0810, 0.2961,
0.3404

0.0000, 0.0000,
0.0000

56.0305, 0.2822,
0.3500

56.0305, 0.2822,
0.3500

53.9560, 0.2727,
0.3589

58.4741, 0.2926,
0.3418

52.2248, 0.2645,
0.3683

61.2974, 0.3038,
0.3343

50.8187, 0.2579,
0.3782


64.5190, 0.3153,
0.3276


49.7149, 0.2531,
0.3884


68.1543, 0.3270,
0.3215

48.8876, 0.2502,
0.3989


72.1357, 0.3384,
0.3161


 48.3064, 0.2493,
0.4093

 72.4499, 0.3341,
0.3104

 47.9283, 0.2502,
0.4196

 72.7749, 0.3300,
0.3047

 47.8570, 0.2505,
0.4219

 73.1106, 0.3258,
0.2991

 73.4571, 0.3218,
0.2936

Harmonies

Analogous

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



56.0305, 0.3092, 0.3721



56.0305, 0.2822, 0.3500



56.0305, 0.2638, 0.3223

Triad

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



56.0305, 0.2822, 0.3500



56.0305, 0.2862, 0.2815



56.0305, 0.3705, 0.3559

Complementary

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



56.0305, 0.2822, 0.3500



38.4545, 0.3563, 0.3091

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.



56.0305, 0.3640, 0.3322



56.0305, 0.2822, 0.3500



56.0305, 0.3142, 0.2906

Square

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



56.0305, 0.2822, 0.3500



56.0305, 0.2660, 0.2839



56.0305, 0.3430, 0.3088



56.0305, 0.3607, 0.3742

Rectangle

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



56.0305, 0.2822, 0.3500



56.0305, 0.2585, 0.3054



56.0305, 0.3430, 0.3088



56.0305, 0.3702, 0.3483

Sweetspot

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



56.0328, 0.2822, 0.3500



95.9769, 0.3034, 0.3345



56.1002, 0.3212, 0.4058



20.3909, 0.3017, 0.3356



0.0000, 0.0000, 0.0000



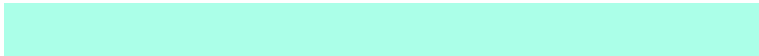
21.4041, 0.3127, 0.3290

Same Dimension

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



56.0328, 0.2822, 0.3500



85.9750, 0.2768, 0.3549



50.8516, 0.2709, 0.3124



13.3491, 0.3019, 0.3355



29.5180, 0.2501, 0.4204



1.6635, 0.2449, 0.4015

Inverse Universe

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



38.4545, 0.3563, 0.3091



54.2272, 0.3684, 0.3049



42.1659, 0.3687, 0.3449



11.8611, 0.3248, 0.3226



8.5585, 0.5829, 0.2985



0.4921, 0.5295, 0.2691

Previews

White Background



This preview shows how the Yxy color 56.0305, 0.2822, 0.3500 looks on a white background.

Color Contrast Check

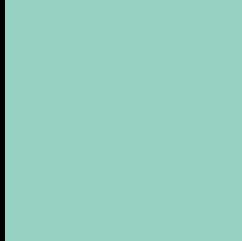
Large Text (above 18pt) WCAG AA × Fail

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 56.0305, 0.2822, 0.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

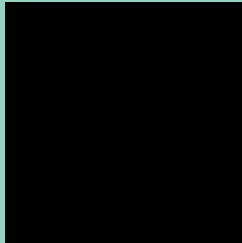
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

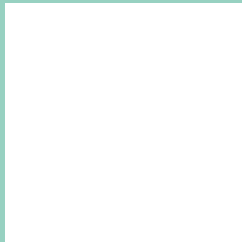
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.0305, 0.2822, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 56.0305, 0.2822, 0.3500.

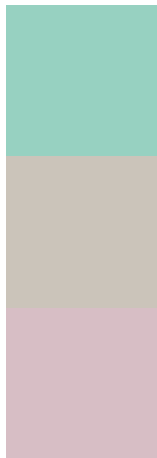


This preview shows how white text looks on a background with the Yxy color 56.0305, 0.2822, 0.3500.

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

56.0305, 0.2822, 0.3500

Protanopia

55.7215, 0.3259, 0.3411

Deuteranopia

55.3052, 0.3279, 0.3209



Tritanopia

56.0512, 0.2688, 0.3088

Trichromacy



Original Color

56.0305, 0.2822, 0.3500

Protanomaly

55.6378, 0.3082, 0.3440

Deuteranomaly

55.1245, 0.3095, 0.3302

Tritanomaly

55.8143, 0.2736, 0.3225

Monochromacy



Original Color

56.0305, 0.2822, 0.3500

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.9242, 0.3007, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0305, 0.2822, 0.3500 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(151, 209, 193)` looks like.

```
.text, #text, p{  
    color:rgb(151, 209, 193)  
}
```

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(151, 209, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 209, 193) }
```

Border

The CSS property to change the border of an element to Yxy 56.0305, 0.2822, 0.3500 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(151, 209, 193) }
```

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

```
.border{ border-color:rgb(151, 209, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 209, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 209, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 209, 193);  
box-shadow:4px 4px 4px 4px rgb(151, 209,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0305, 0.2822, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 209, 193) }
```

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

```
.background{ background-color: rgb(151,  
209, 193) }
```

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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