

Converting Colors

$Yxy(54.3443, 0.2832, 0.3502)$

Have a look what the booklet for
Yxy(54.3443, 0.2832, 0.3502)
contains.

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Color

Yxy(54.3443, 0.2832, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	96CEBE
RGB	150, 206, 190
RGB Percent	59%, 81%, 75%
CMY	0.4116, 0.1922, 0.2549
CMYK	0.27, 0.00, 0.08, 0.19
HSL	163°, 36%, 70%
HSV	163°, 27%, 81%
XYZ	43.9472, 54.3443, 56.8893
YIQ	187.4320, -28.2400, -16.8480

Conversions

Conversions Part 2

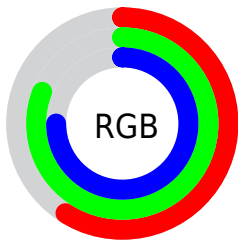
Format	Color
RYB	150, 183, 206
Decimal	9883326
CIELab	78.66, -21.39, 2.13
CIElCh	79, 21.497, 174.324
Yxy	54.3443, 0.2832, 0.3502
Android (android.graphics.Color)	4288073406 (0xFF96CEBE)
YUV	187.4320, 1.2660, -32.8279
Hunter-Lab	73.7186, -22.5951, 5.8484

Details

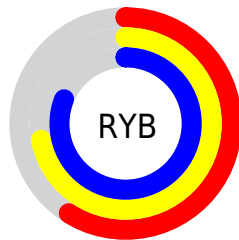
The Yxy color **54.3443, 0.2832, 0.3502** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.6980, 0.3544, 0.3089**, and the grayscale version is **49.9597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1530, 0.2879, 0.3383**, and **26.8040, 0.2748, 0.3563** is the 20% darker color. If you saturate the color by 10%, you get **52.3082, 0.2738, 0.3593**, and if you desaturate by 10%, it is **56.7388, 0.2936, 0.3418**.

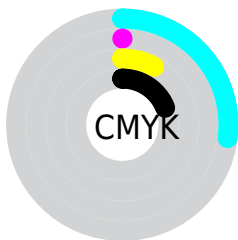
Distribution



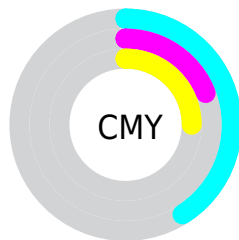
- Red (59%)
- Green (81%)
- Blue (75%)



- Red (59%)
- Yellow (72%)
- Blue (81%)



- Cyan (27%)
- Magenta (0%)
- Yellow (8%)
- Black (19%)



- Cyan (41%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3443, 0.2832, 0.3502 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 54.3443, 0.2832, 0.3502 by changing the saturation by 10% instead.

 54.3443, 0.2832,
0.3502


 54.3443, 0.2832,
0.3502


403.4216, 0.2976,
0.3398

 38.8770, 0.2797,
0.3527


 96.5796, 0.2884,
0.3465

 26.6640, 0.2753,
0.3560


 124.1164, 0.2903,
0.3450

 17.3211, 0.2695,
0.3603


156.4451, 0.2920,
0.3438

 10.4637, 0.2616,
0.3661

193.9501, 0.2934,
0.3428

 5.7075, 0.2501,
0.3747

237.0159, 0.2947,
0.3419

 2.6680, 0.2322,
0.3884

286.0268, 0.2958,

 0.9610, 0.1733,

0.3411

0.4279

341.3672, 0.2967,
0.3404

0.0000, 0.0000,
0.0000

54.3443, 0.2832,
0.3502

54.3443, 0.2832,
0.3502

52.3082, 0.2738,
0.3593

56.7388, 0.2936,
0.3418

50.6058, 0.2656,
0.3691

59.5017, 0.3046,
0.3341

49.2195, 0.2589,
0.3793

62.6511, 0.3160,
0.3271

48.1274, 0.2541,
0.3900

66.2018, 0.3275,
0.3209

47.3048, 0.2511,
0.4008

70.1676, 0.3390,
0.3154

■ 46.7229, 0.2502,
0.4116

■ 70.8559, 0.3362,
0.3096

■ 46.3427, 0.2511,
0.4223

■ 71.1834, 0.3318,
0.3037

■ 46.2523, 0.2515,
0.4253

■ 71.5221, 0.3276,
0.2980

■ 71.8722, 0.3233,
0.2924

Harmonies

Analogous

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



54.3443, 0.3099, 0.3717



54.3443, 0.2832, 0.3502



54.3443, 0.2649, 0.3230

Triad

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



54.3443, 0.2832, 0.3502



54.3443, 0.2861, 0.2822



54.3443, 0.3696, 0.3551

Complementary

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



54.3443, 0.2832, 0.3502



37.6980, 0.3544, 0.3089

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.



54.3443, 0.3629, 0.3317



54.3443, 0.2832, 0.3502



54.3443, 0.3136, 0.2909

Square

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



54.3443, 0.2832, 0.3502



54.3443, 0.2665, 0.2848



54.3443, 0.3420, 0.3087



54.3443, 0.3603, 0.3732

Rectangle

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



54.3443, 0.2832, 0.3502



54.3443, 0.2594, 0.3063



54.3443, 0.3420, 0.3087



54.3443, 0.3691, 0.3476

Sweetspot

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



54.3465, 0.2832, 0.3502



95.9643, 0.3035, 0.3347



54.5407, 0.3218, 0.4036



20.3877, 0.3018, 0.3359



0.0000, 0.0000, 0.0000



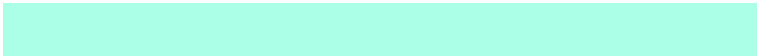
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3465, 0.2832, 0.3502



85.9278, 0.2772, 0.3558



49.8858, 0.2720, 0.3141



12.6702, 0.3021, 0.3357



28.4987, 0.2511, 0.4238



1.4829, 0.2453, 0.4029

Inverse Universe

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



37.6980, 0.3544, 0.3089



54.2648, 0.3677, 0.3041



40.8926, 0.3673, 0.3434



11.2655, 0.3246, 0.3224



8.2882, 0.5792, 0.2965



0.4408, 0.5222, 0.2650

Previews

White Background



This preview shows how the Yxy color 54.3443, 0.2832, 0.3502 looks on a white background.

Color Contrast Check

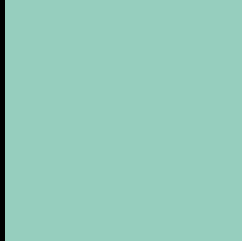
Large Text (above 18pt) WCAG AA × Fail

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 54.3443, 0.2832, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

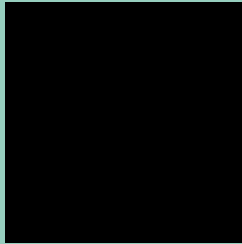
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

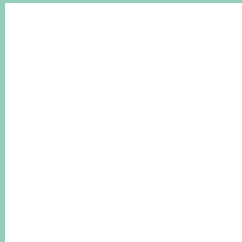
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3443, 0.2832, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 54.3443, 0.2832, 0.3502.

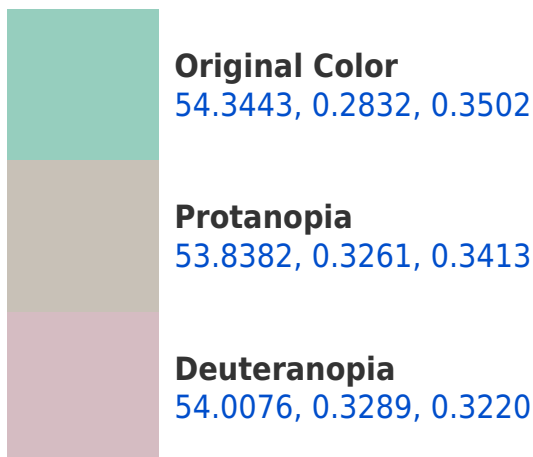


This preview shows how white text looks on a background with the Yxy color 54.3443, 0.2832, 0.3502.

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





Tritanopia

54.3709, 0.2695, 0.3086

Trichromacy



Original Color

54.3443, 0.2832, 0.3502

Protanomaly

53.8784, 0.3089, 0.3442

Deuteranomaly

53.8276, 0.3102, 0.3315

Tritanomaly

54.1360, 0.2744, 0.3224

Monochromacy



Original Color

54.3443, 0.2832, 0.3502

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.2131, 0.3013, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3443, 0.2832, 0.3502 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(150, 206, 190)` looks like.

```
.text, #text, p{  
    color:rgb(150, 206, 190)  
}
```

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(150, 206, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 206, 190) }
```

Border

The CSS property to change the border of an element to Yxy 54.3443, 0.2832, 0.3502 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(150, 206, 190) }
```

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

```
.border{ border-color:rgb(150, 206, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 206, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 206, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 206, 190);  
box-shadow:4px 4px 4px 4px rgb(150, 206,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3443, 0.2832, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 206, 190) }
```

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

```
.background{ background-color: rgb(150,  
206, 190) }
```

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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