

Converting Colors

$Y_{xy}(43.4982, 0.2832, 0.3630)$

Have a look what the booklet for
Yxy(43.4982, 0.2832, 0.3630)
contains.

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Color

Yxy(43.3502, 0.2834, 0.3632)

Conversions

Conversions Part 1

Format	Color
Hex	81BCA5
RGB	129, 188, 165
RGB Percent	51%, 74%, 65%
CMY	0.4942, 0.2627, 0.3529
CMYK	0.31, 0.00, 0.12, 0.26
HSL	157°, 31%, 62%
HSV	157°, 31%, 74%
XYZ	33.8256, 43.3502, 42.1805
YIQ	167.7370, -27.7810, -19.6610

Conversions

Conversions Part 2

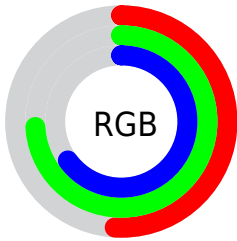
Format	Color
R_{YB}	129, 166, 188
Decimal	8502437
CIE _{Lab}	71.79, -24.09, 5.57
CIE _{LCh}	72, 24.721, 166.981
Yxy	43.3502, 0.2834, 0.3632
Android (android.graphics.Color)	4286692517 (0xFF81BCA5)
YUV	167.7370, -1.3493, -33.9723
Hunter-Lab	65.8409, -23.5176, 8.1049

Details

The Yxy color **43.3502, 0.2834, 0.3632** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **28.6548, 0.3556, 0.2974**, and the grayscale version is **39.0381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9360, 0.2887, 0.3561**, and **19.8202, 0.2745, 0.3735** is the 20% darker color. If you saturate the color by 10%, you get **41.7536, 0.2756, 0.3762**, and if you desaturate by 10%, it is **45.2365, 0.2922, 0.3512**.

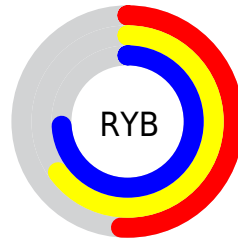
Distribution



Red (51%)

Green (74%)

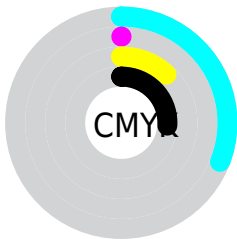
Blue (65%)



Red (51%)

Yellow (65%)

Blue (74%)

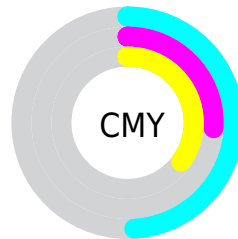


Cyan (31%)

Magenta (0%)

Yellow (12%)

Black (26%)



Cyan (49%)


Magenta (26%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3502, 0.2834, 0.3632 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 43.3502, 0.2834, 0.3632 by changing the saturation by 10% instead.


 43.3502, 0.2834,
0.3632


 43.3502, 0.2834,
0.3632


360.0500, 0.2984,
0.3455


 30.1600, 0.2795,
0.3678


 80.2391, 0.2889,
0.3566

 19.9601, 0.2745,
0.3739


 104.7065, 0.2910,
0.3542

 12.3660, 0.2677,
0.3821


 133.7018, 0.2927,
0.3522

 6.9935, 0.2580,
0.3941

167.6093, 0.2942,
0.3504

 3.4580, 0.2429,
0.4131

206.8135, 0.2955,
0.3490

 1.3753, 0.2132,
0.4492

251.6988, 0.2966,

 0.1984, 0.0000,

0.3477

1.0000

302.6495, 0.2975,
0.3465

0.0000, 0.0000,
0.0000

43.3502, 0.2834,
0.3632

43.3502, 0.2834,
0.3632

41.7536, 0.2756,
0.3762

45.2365, 0.2922,
0.3512

40.4262, 0.2689,
0.3901

47.4212, 0.3016,
0.3402

39.3533, 0.2639,
0.4047

49.9191, 0.3113,
0.3303

38.5164, 0.2606,
0.4197

52.7424, 0.3213,
0.3214

37.8945, 0.2593,
0.4348

55.9028, 0.3311,
0.3136

■ 37.4625, 0.2599,
0.4497

■ 59.4113, 0.3408,
0.3067

■ 37.2010, 0.2618,
0.4623

■ 62.2031, 0.3457,
0.3001

■ 62.5914, 0.3398,
0.2929

■ 62.9969, 0.3340,
0.2857

Harmonies

Analogous

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



43.3502, 0.3175, 0.3869



43.3502, 0.2834, 0.3632



43.3502, 0.2580, 0.3294

Triad

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



43.3502, 0.2834, 0.3632



43.3502, 0.2727, 0.2711



43.3502, 0.3832, 0.3538

Complementary

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



43.3502, 0.2834, 0.3632



28.6548, 0.3556, 0.2974

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.



43.3502, 0.3701, 0.3246



43.3502, 0.2834, 0.3632



43.3502, 0.3047, 0.2787

Square

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



43.3502, 0.2834, 0.3632



43.3502, 0.2522, 0.2774



43.3502, 0.3407, 0.2979



43.3502, 0.3761, 0.3787

Rectangle

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



43.3502, 0.2834, 0.3632



43.3502, 0.2489, 0.3075



43.3502, 0.3407, 0.2979



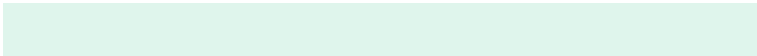
43.3502, 0.3811, 0.3442

Sweetspot

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



43.3520, 0.2834, 0.3632



86.9034, 0.3037, 0.3379



44.2869, 0.3279, 0.4148



18.5526, 0.3023, 0.3394



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



43.3520, 0.2834, 0.3632



76.4182, 0.2776, 0.3725



41.7958, 0.2673, 0.3203



10.7448, 0.3035, 0.3381



25.3411, 0.2612, 0.4605



1.0051, 0.2515, 0.4252

Inverse Universe

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



28.6548, 0.3556, 0.2974



45.3928, 0.3696, 0.2899



29.5726, 0.3806, 0.3374



9.5963, 0.3229, 0.3201



7.6230, 0.5391, 0.2743



0.3115, 0.4749, 0.2390

Previews

White Background



This preview shows how the Yxy color 43.3502, 0.2834, 0.3632 looks on a white background.

Color Contrast Check

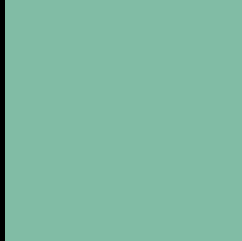
Large Text (above 18pt) WCAG AA × Fail

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 43.3502, 0.2834, 0.3632 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 43.3502, 0.2834, 0.3632

Background



This preview shows how black text looks on a background with the Yxy color 43.3502, 0.2834, 0.3632.



This preview shows how white text looks on a background with the Yxy color 43.3502, 0.2834, 0.3632.

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

43.3502, 0.2834, 0.3632

Protanopia

43.0736, 0.3333, 0.3520

Deuteranopia

42.7098, 0.3359, 0.3291



Tritanopia

43.1784, 0.2658, 0.3079

Trichromacy



Original Color

43.3502, 0.2834, 0.3632

Protanomaly

43.0023, 0.3132, 0.3557

Deuteranomaly

42.4239, 0.3140, 0.3400

Tritanomaly

43.2296, 0.2718, 0.3274

Monochromacy



Original Color

43.3502, 0.2834, 0.3632

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.3200, 0.3009, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3502, 0.2834, 0.3632 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(129, 188, 165)` looks like.

```
.text, #text, p{  
    color:rgb(129, 188, 165)  
}
```

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(129, 188, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 188, 165) }
```

Border

The CSS property to change the border of an element to Yxy 43.3502, 0.2834, 0.3632 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(129, 188, 165) }
```

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

```
.border{ border-color:rgb(129, 188, 165) }
```

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

Here you see how a box with a 4 pixel rgb(129, 188, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 188, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 188, 165);  
box-shadow:4px 4px 4px 4px rgb(129, 188,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3502, 0.2834, 0.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 188, 165) }
```

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

```
.background{ background-color: rgb(129,  
188, 165) }
```

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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