

Converting Colors

$Y_{xy}(44.5194, 0.2857, 0.3339)$

Have a look what the booklet for
Yxy(44.5194, 0.2857, 0.3339)
contains.

Yxy(44.3712, 0.2853, 0.3331)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.3712, 0.2853, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	94B9B6
RGB	148, 185, 182
RGB Percent	58%, 73%, 71%
CMY	0.4197, 0.2745, 0.2862
CMYK	0.20, 0.00, 0.02, 0.27
HSL	175°, 21%, 65%
HSV	175°, 20%, 73%
XYZ	38.0039, 44.3712, 50.8317
YIQ	173.5950, -21.0890, -8.7770

Conversions

Conversions Part 2

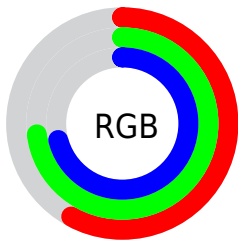
Format	Color
RYB	148, 167, 185
Decimal	9746870
CIELab	72.48, -13.01, -2.61
CIELCh	72, 13.265, 191.332
Yxy	44.3712, 0.2853, 0.3331
Android (android.graphics.Color)	4287936950 (0xFF94B9B6)
YUV	173.5950, 4.1437, -22.4468
Hunter-Lab	66.6117, -14.7311, 1.3837

Details

The Yxy color **44.3712, 0.2853, 0.3331** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.7204, 0.3487, 0.3250**, and the grayscale version is **42.0948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7802, 0.2905, 0.3322**, and **20.5743, 0.2772, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **42.7226, 0.2730, 0.3354**, and if you desaturate by 10%, it is **46.2999, 0.2986, 0.3310**.

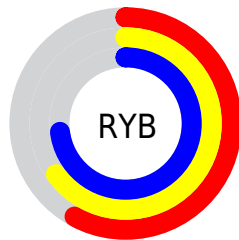
Distribution



Red (58%)

Green (73%)

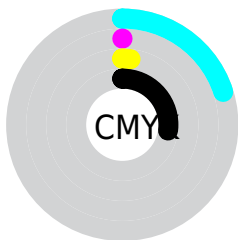
Blue (71%)



Red (58%)

Yellow (65%)

Blue (73%)

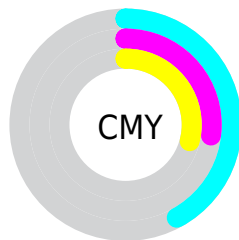


Cyan (20%)

Magenta (0%)

Yellow (2%)

Black (27%)



Cyan (42%)


Magenta (27%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3712, 0.2853, 0.3331 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 44.3712, 0.2853, 0.3331 by changing the saturation by 10% instead.


 44.3712, 0.2853,
0.3331

 44.3712, 0.2853,
0.3331


364.2209, 0.2990,
0.3311

 30.9624, 0.2819,
0.3336


 81.7760, 0.2903,
0.3324

 20.5702, 0.2774,
0.3341


 106.5409, 0.2922,
0.3321

 12.8102, 0.2715,
0.3349

135.8599, 0.2938,
0.3319

 7.2980, 0.2632,
0.3358

170.1174, 0.2951,
0.3317

 3.6492, 0.2508,
0.3371

209.6979, 0.2963,
0.3316

 1.4793, 0.2302,
0.3389

254.9857, 0.2973,

 0.2741, 0.0000,

0.3314

0.3632

306.3652, 0.2982,
0.3313

0.0000, 0.0000,
0.0000

44.3712, 0.2853,
0.3331

44.3712, 0.2853,
0.3331

42.7226, 0.2730,
0.3354

46.2999, 0.2986,
0.3310

41.3354, 0.2619,
0.3379

48.5153, 0.3127,
0.3290

40.1974, 0.2524,
0.3404

51.0307, 0.3272,
0.3272

39.2931, 0.2446,
0.3431

53.8571, 0.3419,
0.3257

38.6053, 0.2387,
0.3458

57.0047, 0.3566,
0.3243

■ 38.1145, 0.2347,
0.3485

■ 59.7206, 0.3677,
0.3230

■ 37.7975, 0.2325,
0.3512

■ 59.7864, 0.3664,
0.3214

■ 37.6077, 0.2316,
0.3539

■ 59.8529, 0.3651,
0.3199

■ 59.9201, 0.3638,
0.3183

Harmonies

Analogous

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



44.3712, 0.3005, 0.3497



44.3712, 0.2853, 0.3331



44.3712, 0.2774, 0.3159

Triad

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



44.3712, 0.2853, 0.3331



44.3712, 0.3052, 0.3000



44.3712, 0.3480, 0.3541

Complementary

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



44.3712, 0.2853, 0.3331



33.7204, 0.3487, 0.3250

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.



44.3712, 0.3494, 0.3403



44.3712, 0.2853, 0.3331



44.3712, 0.3243, 0.3096

Square

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



44.3712, 0.2853, 0.3331



44.3712, 0.2886, 0.2975



44.3712, 0.3407, 0.3241



44.3712, 0.3368, 0.3617

Rectangle

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



44.3712, 0.2853, 0.3331



44.3712, 0.2771, 0.3066



44.3712, 0.3407, 0.3241



44.3712, 0.3496, 0.3500

Sweetspot

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



44.3730, 0.2853, 0.3331



84.4074, 0.3041, 0.3302



43.4234, 0.3127, 0.3829



18.1425, 0.3032, 0.3303



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



44.3730, 0.2853, 0.3331



78.1120, 0.2798, 0.3341



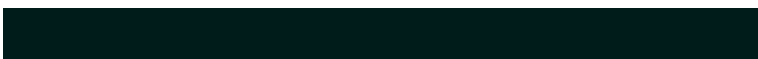
38.3880, 0.2819, 0.3068



10.1978, 0.2996, 0.3308



25.6104, 0.2315, 0.3535



0.9065, 0.2296, 0.3466

Inverse Universe

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



33.7204, 0.3487, 0.3250



55.5785, 0.3588, 0.3241



38.7912, 0.3477, 0.3502



9.0236, 0.3275, 0.3272



7.0509, 0.6296, 0.3242



0.2525, 0.5916, 0.3033

Previews

White Background



This preview shows how the Yxy color 44.3712, 0.2853, 0.3331 looks on a white background.

Color Contrast Check

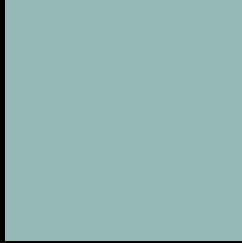
Large Text (above 18pt) WCAG AA × Fail

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 44.3712, 0.2853, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

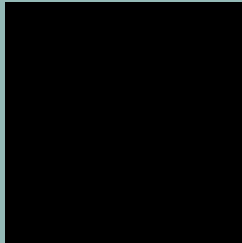
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

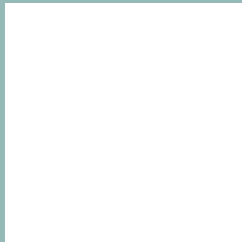
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3712, 0.2853, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 44.3712, 0.2853, 0.3331.

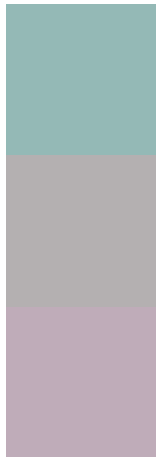


This preview shows how white text looks on a background with the Yxy color 44.3712, 0.2853, 0.3331.

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

44.3712, 0.2853, 0.3331

Protanopia

43.9283, 0.3154, 0.3277

Deuteranopia

44.0842, 0.3189, 0.3124



Tritanopia

44.4775, 0.2770, 0.3098

Trichromacy



Original Color

44.3712, 0.2853, 0.3331

Protanomaly

43.8197, 0.3033, 0.3290

Deuteranomaly

44.0189, 0.3054, 0.3197

Tritanomaly

44.5708, 0.2798, 0.3179

Monochromacy



Original Color

44.3712, 0.2853, 0.3331

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.0144, 0.3024, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3712, 0.2853, 0.3331 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(148, 185, 182)` looks like.

```
.text, #text, p{  
    color:rgb(148, 185, 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(148, 185, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 185, 182) }
```

Border

The CSS property to change the border of an element to Yxy 44.3712, 0.2853, 0.3331 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(148, 185, 182) }
```

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

```
.border{ border-color:rgb(148, 185, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 185, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 185, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 185, 182);  
box-shadow:4px 4px 4px 4px rgb(148, 185,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3712, 0.2853, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 185, 182) }
```

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

```
.background{ background-color: rgb(148,  
185, 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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