

Converting Colors

$Yxy(43.5177, 0.2842, 0.3521)$

Have a look what the booklet for
Yxy(43.5177, 0.2842, 0.3521)
contains.

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Color

Yxy(43.7152, 0.2842, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	88BBAB
RGB	136, 187, 171
RGB Percent	53%, 73%, 67%
CMY	0.4670, 0.2666, 0.3294
CMYK	0.27, 0.00, 0.09, 0.27
HSL	161°, 27%, 63%
HSV	161°, 27%, 73%
XYZ	35.2650, 43.7152, 45.1050
YIQ	169.9270, -25.2600, -15.7880

Conversions

Conversions Part 2

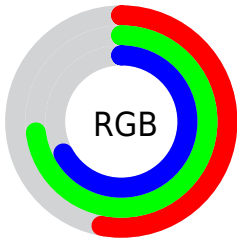
Format	Color
RYB	136, 166, 187
Decimal	8960939
CIELab	72.04, -20.19, 2.70
CIElCh	72, 20.368, 172.387
Yxy	43.7152, 0.2842, 0.3523
Android (android.graphics.Color)	4287151019 (0xFF88BBAB)
YUV	169.9270, 0.5290, -29.7540
Hunter-Lab	66.1175, -20.4992, 5.8349

Details

The Yxy color $43.7152, 0.2842, 0.3523$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $30.4203, 0.3528, 0.3070$, and the grayscale version is $40.1606, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.5393, 0.2895, 0.3479$, and $20.2669, 0.2754, 0.3598$ is the 20% darker color. If you saturate the color by 10%, you get $42.0677, 0.2751, 0.3623$, and if you desaturate by 10%, it is $45.6494, 0.2942, 0.3431$.

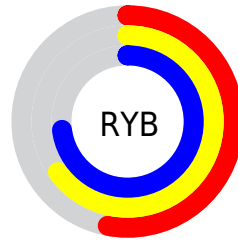
Distribution



Red (53%)

Green (73%)

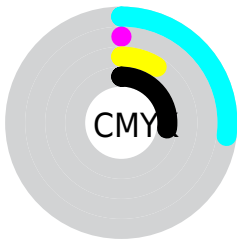
Blue (67%)



Red (53%)

Yellow (65%)

Blue (73%)

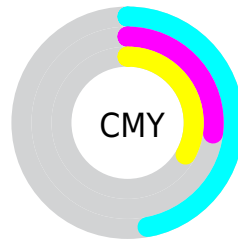


Cyan (27%)

Magenta (0%)

Yellow (9%)

Black (27%)



Cyan (47%)


Magenta (27%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7152, 0.2842, 0.3523 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 43.7152, 0.2842, 0.3523 by changing the saturation by 10% instead.


 43.7152, 0.2842,
0.3523


 43.7152, 0.2842,
0.3523


361.5448, 0.2987,
0.3404

 30.4467, 0.2805,
0.3554


 80.7890, 0.2895,
0.3479

 20.1779, 0.2758,
0.3594


 105.3631, 0.2915,
0.3463

 12.5244, 0.2693,
0.3648


 134.4745, 0.2931,
0.3449

 7.1019, 0.2603,
0.3725

168.5076, 0.2946,
0.3437

 3.5259, 0.2464,
0.3845

207.8468, 0.2958,
0.3427

 1.4121, 0.2224,
0.4058

252.8764, 0.2969,

 0.2256, 0.0000,

0.3419

0.7983

303.9810, 0.2978,
0.3411

0.0000, 0.0000,
0.0000

43.7152, 0.2842,
0.3523

43.7152, 0.2842,
0.3523

42.0677, 0.2751,
0.3623

45.6494, 0.2942,
0.3431

40.6871, 0.2672,
0.3730

47.8782, 0.3047,
0.3346

39.5596, 0.2608,
0.3843

50.4159, 0.3157,
0.3270

38.6681, 0.2562,
0.3960

53.2740, 0.3267,
0.3202

37.9930, 0.2534,
0.4079

56.4638, 0.3377,
0.3142

■ 37.5115, 0.2526,
0.4198

■ 59.9958, 0.3486,
0.3089

■ 37.1912, 0.2537,
0.4316

■ 61.5647, 0.3494,
0.3034

■ 37.1170, 0.2541,
0.4347

■ 61.8662, 0.3446,
0.2975

■ 62.1786, 0.3398,
0.2917

Harmonies

Analogous

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



43.7152, 0.3117, 0.3736



43.7152, 0.2842, 0.3523



43.7152, 0.2649, 0.3246

Triad

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



43.7152, 0.2842, 0.3523



43.7152, 0.2840, 0.2812



43.7152, 0.3707, 0.3541

Complementary

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



43.7152, 0.2842, 0.3523



30.4203, 0.3528, 0.3070

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.



43.7152, 0.3628, 0.3301



43.7152, 0.2842, 0.3523



43.7152, 0.3116, 0.2894

Square

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



43.7152, 0.2842, 0.3523



43.7152, 0.2648, 0.2846



43.7152, 0.3408, 0.3069



43.7152, 0.3622, 0.3731

Rectangle

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



43.7152, 0.2842, 0.3523



43.7152, 0.2587, 0.3073



43.7152, 0.3408, 0.3069



43.7152, 0.3699, 0.3463

Sweetspot

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



43.7170, 0.2842, 0.3523



85.3867, 0.3039, 0.3353



44.0099, 0.3225, 0.4034



18.6642, 0.3022, 0.3365



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.



43.7170, 0.2842, 0.3523



76.3860, 0.2784, 0.3584



40.5193, 0.2721, 0.3154



10.7572, 0.3025, 0.3363



25.5817, 0.2537, 0.4333



1.0134, 0.2459, 0.4052

Inverse Universe

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



30.4203, 0.3528, 0.3070



48.4747, 0.3653, 0.3017



32.6834, 0.3676, 0.3422



9.5843, 0.3240, 0.3218



7.5059, 0.5684, 0.2905



0.3062, 0.4987, 0.2521

Previews

White Background



This preview shows how the Yxy color 43.7152, 0.2842, 0.3523 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 43.7152, 0.2842, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

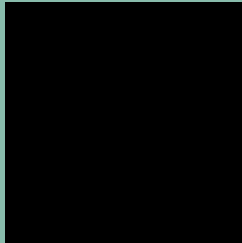
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7152, 0.2842, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 43.7152, 0.2842, 0.3523.



This preview shows how white text looks on a background with the Yxy color 43.7152, 0.2842, 0.3523.

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

43.7152, 0.2842, 0.3523

Protanopia

43.3216, 0.3273, 0.3424

Deuteranopia

43.1429, 0.3304, 0.3239



Tritanopia

43.6069, 0.2692, 0.3081

Trichromacy



Original Color

43.7152, 0.2842, 0.3523

Protanomaly

43.0296, 0.3102, 0.3457

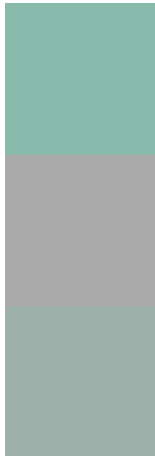
Deuteranomaly

42.8385, 0.3116, 0.3331

Tritanomaly

43.4008, 0.2745, 0.3232

Monochromacy



Original Color

43.7152, 0.2842, 0.3523

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.2220, 0.3019, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7152, 0.2842, 0.3523 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(136, 187, 171)` looks like.

```
.text, #text, p{  
    color:rgb(136, 187, 171)  
}
```

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(136, 187, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 187, 171) }
```

Border

The CSS property to change the border of an element to Yxy 43.7152, 0.2842, 0.3523 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(136, 187, 171) }
```

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

```
.border{ border-color:rgb(136, 187, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 187, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 187, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 187, 171);  
box-shadow:4px 4px 4px 4px rgb(136, 187,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7152, 0.2842, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 187, 171) }
```

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

```
.background{ background-color: rgb(136,  
187, 171) }
```

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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