

Converting Colors

$Yxy(43.7477, 0.2942, 0.3815)$

Have a look what the booklet for
Yxy(43.7477, 0.2942, 0.3815)
contains.

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Color

Yxy(43.7148, 0.2940, 0.3813)

Conversions

Conversions Part 1

Format	Color
Hex	85BD9A
RGB	133, 189, 154
RGB Percent	52%, 74%, 60%
CMY	0.4783, 0.2588, 0.3961
CMYK	0.30, 0.00, 0.19, 0.26
HSL	142°, 30%, 63%
HSV	142°, 30%, 74%
XYZ	33.7061, 43.7148, 37.2258
YIQ	168.2660, -22.1410, -22.7570

Conversions

Conversions Part 2

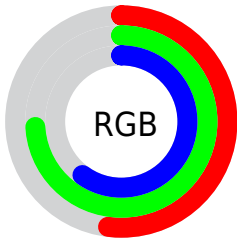
Format	Color
RYB	133, 174, 189
Decimal	8764826
CIELab	72.04, -25.56, 11.94
CIELCh	72, 28.212, 154.962
Yxy	43.7148, 0.2940, 0.3813
Android (android.graphics.Color)	4286954906 (0xFF85BD9A)
YUV	168.2660, -7.0331, -30.9283
Hunter-Lab	66.1172, -24.7068, 12.9001

Details

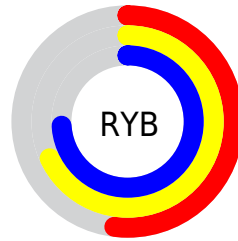
The Yxy color **43.7148, 0.2940, 0.3813** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.4326, 0.3378, 0.2820**, and the grayscale version is **39.3425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4237, 0.2977, 0.3710**, and **20.0565, 0.2872, 0.3972** is the 20% darker color. If you saturate the color by 10%, you get **41.9389, 0.2885, 0.4027**, and if you desaturate by 10%, it is **45.8100, 0.3001, 0.3618**.

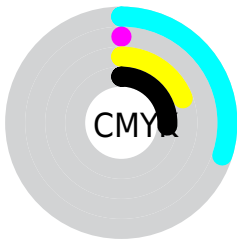
Distribution



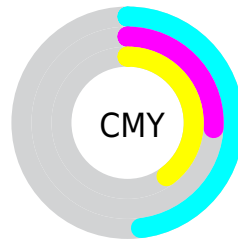
- Red (52%)
- Green (74%)
- Blue (60%)



- Red (52%)
- Yellow (68%)
- Blue (74%)



- Cyan (30%)
- Magenta (0%)
- Yellow (19%)
- Black (26%)




- Cyan (48%)
- Magenta (26%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7148, 0.2940, 0.3813 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 43.7148, 0.2940, 0.3813 by changing the saturation by 10% instead.


 43.7148, 0.2940,
0.3813

 43.7148, 0.2940,
0.3813


361.5432, 0.3039,
0.3539

 30.4464, 0.2913,
0.3885


 80.7884, 0.2977,
0.3711

 20.1776, 0.2878,
0.3981


 105.3624, 0.2991,
0.3673

 12.5242, 0.2829,
0.4113


 134.4736, 0.3002,
0.3642

 7.1018, 0.2756,
0.4305

168.5066, 0.3012,
0.3615

 3.5258, 0.2637,
0.4614

207.8456, 0.3020,
0.3592

 1.4120, 0.2406,
0.5287

252.8751, 0.3027,

 0.2256, 0.0000,

0.3572

1.0000

303.9795, 0.3034,
0.3555

0.0000, 0.0000,
0.0000

43.7148, 0.2940,
0.3813

43.7148, 0.2940,
0.3813

41.9389, 0.2885,
0.4027

45.8100, 0.3001,
0.3618

40.4608, 0.2839,
0.4256

48.2338, 0.3065,
0.3441

39.2650, 0.2805,
0.4495

51.0018, 0.3130,
0.3284

38.3322, 0.2787,
0.4737

54.1272, 0.3194,
0.3146

37.6406, 0.2785,
0.4975

57.6223, 0.3257,
0.3024

■ 37.1645, 0.2802,
0.5197

■ 61.4989, 0.3318,
0.2917

■ 36.8569, 0.2833,
0.5396

■ 63.7549, 0.3294,
0.2812

■ 36.8462, 0.2834,
0.5404

■ 64.4682, 0.3205,
0.2702

■ 64.8745, 0.3157,
0.2644

Harmonies

Analogous

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



43.7148, 0.3340, 0.4004



43.7148, 0.2940, 0.3813



43.7148, 0.2605, 0.3452

Triad

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



43.7148, 0.2940, 0.3813



43.7148, 0.2562, 0.2644



43.7148, 0.3898, 0.3434

Complementary

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



43.7148, 0.2940, 0.3813



30.4326, 0.3378, 0.2820

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.



43.7148, 0.3663, 0.3111



43.7148, 0.2940, 0.3813



43.7148, 0.2878, 0.2671

Square

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



43.7148, 0.2940, 0.3813



43.7148, 0.2399, 0.2778



43.7148, 0.3281, 0.2839



43.7148, 0.3908, 0.3746

Rectangle

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



43.7148, 0.2940, 0.3813



43.7148, 0.2458, 0.3188



43.7148, 0.3281, 0.2839



43.7148, 0.3843, 0.3324

Sweetspot

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



43.7166, 0.2940, 0.3813



86.6054, 0.3068, 0.3434



46.4665, 0.3385, 0.4066



18.4790, 0.3058, 0.3458



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.



43.7166, 0.2940, 0.3813



76.0219, 0.2901, 0.3960



44.7423, 0.2753, 0.3396



10.7071, 0.3066, 0.3437



24.8055, 0.2828, 0.5380



0.9844, 0.2688, 0.4876

Inverse Universe

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



30.4326, 0.3378, 0.2820



48.1235, 0.3456, 0.2707



29.5118, 0.3689, 0.3188



9.6340, 0.3193, 0.3147



8.1785, 0.4418, 0.2208



0.3326, 0.4057, 0.2009

Previews

White Background



This preview shows how the Yxy color 43.7148, 0.2940, 0.3813 looks on a white background.

Color Contrast Check

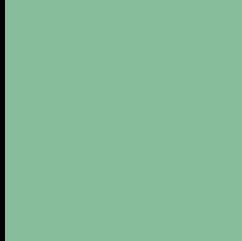
Large Text (above 18pt) WCAG AA × Fail

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 43.7148, 0.2940, 0.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

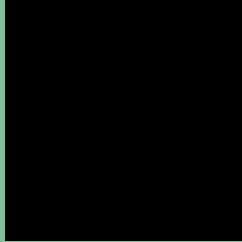
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7148, 0.2940, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 43.7148, 0.2940, 0.3813.



This preview shows how white text looks on a background with the Yxy color 43.7148, 0.2940, 0.3813.

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

43.7148, 0.2940, 0.3813

Protanopia

43.2056, 0.3466, 0.3666

Deuteranopia

43.3602, 0.3504, 0.3445



Tritanopia

43.6950, 0.2699, 0.3081

Trichromacy



Original Color

43.7148, 0.2940, 0.3813

Protanomaly

43.0600, 0.3255, 0.3712

Deuteranomaly

42.9926, 0.3274, 0.3565

Tritanomaly

43.5643, 0.2787, 0.3332

Monochromacy



Original Color

43.7148, 0.2940, 0.3813

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.6636, 0.3049, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7148, 0.2940, 0.3813 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(133, 189, 154)` looks like.

```
.text, #text, p{  
    color:rgb(133, 189, 154)  
}
```

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(133, 189, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 189, 154) }
```

Border

The CSS property to change the border of an element to Yxy 43.7148, 0.2940, 0.3813 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(133, 189, 154) }
```

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

```
.border{ border-color:rgb(133, 189, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 189, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 189, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 189, 154);  
box-shadow:4px 4px 4px 4px rgb(133, 189,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7148, 0.2940, 0.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 189, 154) }
```

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

```
.background{ background-color: rgb(133,  
189, 154) }
```

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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