

Converting Colors

$Yxy(44.0766, 0.2937, 0.3934)$

Have a look what the booklet for
Yxy(44.0766, 0.2937, 0.3934)
contains.

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Color

Yxy(43.9436, 0.2931, 0.3926)

Conversions

Conversions Part 1

Format	Color
Hex	7FBF95
RGB	127, 191, 149
RGB Percent	50%, 75%, 58%
CMY	0.5020, 0.2510, 0.4157
CMYK	0.34, 0.00, 0.22, 0.25
HSL	141°, 33%, 62%
HSV	141°, 34%, 75%
XYZ	32.8066, 43.9436, 35.1795
YIQ	167.0760, -24.6620, -26.6300

Conversions

Conversions Part 2

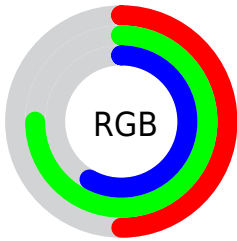
Format	Color
RYB	127, 175, 191
Decimal	8372117
CIELab	72.19, -29.40, 14.82
CIELCh	72, 32.921, 153.254
Yxy	43.9436, 0.2931, 0.3926
Android (android.graphics.Color)	4286562197 (0xFF7FBF95)
YUV	167.0760, -8.9115, -35.1467
Hunter-Lab	66.2900, -27.6686, 14.9383

Details

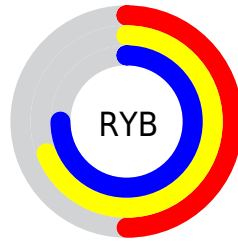
The Yxy color **43.9436, 0.2931, 0.3926** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **29.1207, 0.3399, 0.2731**, and the grayscale version is **38.7358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2704, 0.2969, 0.3806**, and **20.2690, 0.2865, 0.4132** is the 20% darker color. If you saturate the color by 10%, you get **42.2361, 0.2882, 0.4158**, and if you desaturate by 10%, it is **45.9759, 0.2986, 0.3712**.

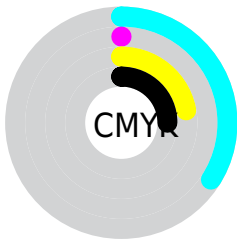
Distribution



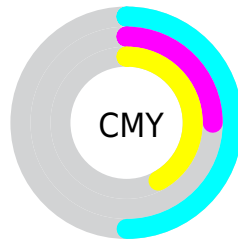
- Red (50%)
- Green (75%)
- Blue (58%)



- Red (50%)
- Yellow (69%)
- Blue (75%)



- Cyan (34%)
- Magenta (0%)
- Yellow (22%)
- Black (25%)




- Cyan (50%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9436, 0.2931, 0.3926 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 43.9436, 0.2931, 0.3926 by changing the saturation by 10% instead.


 43.9436, 0.2931,
0.3926

 43.9436, 0.2931,
0.3926


362.4781, 0.3037,
0.3592

 30.6262, 0.2902,
0.4015


 81.1329, 0.2971,
0.3800

 20.3144, 0.2863,
0.4133


 105.7735, 0.2986,
0.3755

 12.6238, 0.2809,
0.4295


 134.9573, 0.2998,
0.3716

 7.1700, 0.2727,
0.4534

169.0687, 0.3008,
0.3684

 3.5686, 0.2590,
0.4917

208.4921, 0.3017,
0.3656

 1.4353, 0.2322,
0.5897

253.6119, 0.3024,

 0.2425, 0.0000,

0.3632

1.0000

304.8124, 0.3031,
0.3610

■ 0.0000, 0.0000,
0.0000

■ 43.9436, 0.2931,
0.3926

■ 43.9436, 0.2931,
0.3926

■ 42.2361, 0.2882,
0.4158

■ 45.9759, 0.2986,
0.3712

■ 40.8308, 0.2843,
0.4403

■ 48.3433, 0.3045,
0.3519

■ 39.7107, 0.2817,
0.4657


■ 51.0624, 0.3106,
0.3346


■ 38.8550, 0.2807,
0.4908


■ 54.1471, 0.3166,
0.3193


■ 38.2397, 0.2814,
0.5148

■ 57.6104, 0.3225,
0.3059

 37.8361, 0.2838,
0.5364

 61.4648, 0.3282,
0.2941

 37.6529, 0.2858,
0.5490

 64.6246, 0.3292,
0.2832

 65.3825, 0.3198,
0.2715

 65.7441, 0.3157,
0.2663

Harmonies

Analogous

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



43.9436, 0.3395, 0.4133



43.9436, 0.2931, 0.3926



43.9436, 0.2539, 0.3504

Triad

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



43.9436, 0.2931, 0.3926



43.9436, 0.2459, 0.2549



43.9436, 0.4018, 0.3428

Complementary

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



43.9436, 0.2931, 0.3926



29.1207, 0.3399, 0.2731

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.



43.9436, 0.3730, 0.3060



43.9436, 0.2931, 0.3926



43.9436, 0.2811, 0.2573

Square

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



43.9436, 0.2931, 0.3926



43.9436, 0.2284, 0.2707



43.9436, 0.3276, 0.2757



43.9436, 0.4042, 0.3791

Rectangle

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



43.9436, 0.2931, 0.3926



43.9436, 0.2365, 0.3191



43.9436, 0.3276, 0.2757



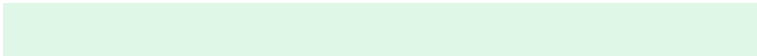
43.9436, 0.3949, 0.3302

Sweetspot

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



43.9454, 0.2931, 0.3926



88.1385, 0.3065, 0.3459



47.3057, 0.3436, 0.4170



19.2070, 0.3057, 0.3484



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.9454, 0.2931, 0.3926



76.4638, 0.2895, 0.4089



45.0851, 0.2723, 0.3444



10.7023, 0.3070, 0.3444



24.7571, 0.2851, 0.5465



0.9823, 0.2709, 0.4954

Inverse Universe

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



29.1207, 0.3399, 0.2731



45.9691, 0.3477, 0.2612



28.0807, 0.3768, 0.3145



9.6391, 0.3189, 0.3140



8.2745, 0.4298, 0.2141



0.3360, 0.3975, 0.1963

Previews

White Background



This preview shows how the Yxy color 43.9436, 0.2931, 0.3926 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 43.9436, 0.2931, 0.3926 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 43.9436, 0.2931, 0.3926

Background



This preview shows how black text looks on a background with the Yxy color 43.9436, 0.2931, 0.3926.



This preview shows how white text looks on a background with the Yxy color 43.9436, 0.2931, 0.3926.

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

43.9436, 0.2931, 0.3926

Protanopia

43.5685, 0.3516, 0.3746

Deuteranopia

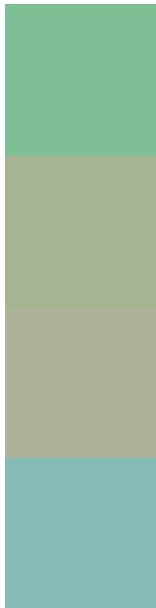
43.5001, 0.3560, 0.3496



Tritanopia

43.7229, 0.2660, 0.3080

Trichromacy



Original Color

43.9436, 0.2931, 0.3926

Protanomaly

43.0914, 0.3276, 0.3800

Deuteranomaly

43.1065, 0.3305, 0.3649

Tritanomaly

43.8634, 0.2754, 0.3376

Monochromacy



Original Color

43.9436, 0.2931, 0.3926

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.2641, 0.3047, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9436, 0.2931, 0.3926 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(127, 191, 149)` looks like.

```
.text, #text, p{  
    color:rgb(127, 191, 149)  
}
```

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(127, 191, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 191, 149) }
```

Border

The CSS property to change the border of an element to Yxy 43.9436, 0.2931, 0.3926 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(127, 191, 149) }
```

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

```
.border{ border-color:rgb(127, 191, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 191, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 191, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 191, 149);  
box-shadow:4px 4px 4px 4px rgb(127, 191,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9436, 0.2931, 0.3926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 191, 149) }
```

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

```
.background{ background-color: rgb(127,  
191, 149) }
```

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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