

Converting Colors

$Yxy(39.5531, 0.3190, 0.3813)$

Have a look what the booklet for
Yxy(39.5531, 0.3190, 0.3813)
contains.

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Color

Yxy(39.5531, 0.3190, 0.3813)

Conversions

Conversions Part 1

Format	Color
Hex	97B08D
RGB	151, 176, 141
RGB Percent	59%, 69%, 55%
CMY	0.4080, 0.3098, 0.4471
CMYK	0.14, 0.00, 0.20, 0.31
HSL	103°, 18%, 62%
HSV	103°, 20%, 69%
XYZ	33.0906, 39.5531, 31.0885
YIQ	164.5350, -3.6650, -16.1850

Conversions

Conversions Part 2

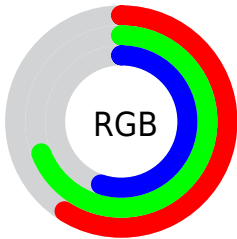
Format	Color
RYB	141, 176, 166
Decimal	9941133
CIELab	69.15, -15.28, 15.11
CIElCh	69, 21.494, 135.320
Yxy	39.5531, 0.3190, 0.3813
Android (android.graphics.Color)	4288131213 (0xFF97B08D)
YUV	164.5350, -11.6028, -11.8702
Hunter-Lab	62.8913, -16.1409, 14.7155

Details

The Yxy color **39.5531, 0.3190, 0.3813** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.2963, 0.3048, 0.2790**, and the grayscale version is **37.4485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6325, 0.3175, 0.3710**, and **17.6306, 0.3204, 0.3970** is the 20% darker color. If you saturate the color by 10%, you get **37.9311, 0.3217, 0.4113**, and if you desaturate by 10%, it is **41.3905, 0.3159, 0.3537**.

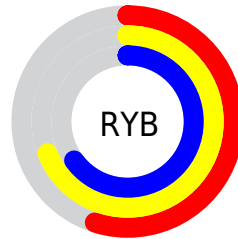
Distribution



Red (59%)

Green (69%)

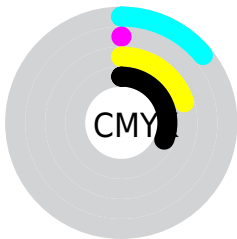
Blue (55%)



Red (55%)

Yellow (69%)

Blue (65%)

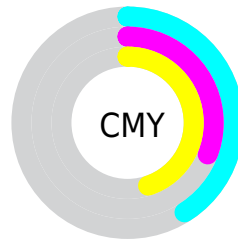


Cyan (14%)

Magenta (0%)

Yellow (20%)

Black (31%)



Cyan (41%)


Magenta (31%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5531, 0.3190, 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 39.5531, 0.3190, 0.3813 by changing the saturation by 10% instead.


 39.5531, 0.3190,
0.3813


 39.5531, 0.3190,
0.3813

344.2363, 0.3162,
0.3537


 27.1903, 0.3196,
0.3887


 74.4825, 0.3181,
0.3709

 17.7162, 0.3202,
0.3985


 97.8179, 0.3177,
0.3671

 10.7464, 0.3209,
0.4121


 125.5796, 0.3173,
0.3639

 5.8966, 0.3215,
0.4322

158.1519, 0.3171,
0.3613

 2.7823, 0.3211,
0.4648

195.9194, 0.3168,
0.3590

 1.0192, 0.3563,
0.6157

239.2664, 0.3166,

 0.0000, 0.0000,

0.3570

0.0000

288.5772, 0.3164,
0.3552

■ 39.5531, 0.3190,
0.3813

■ 39.5531, 0.3190,
0.3813

■ 37.9311, 0.3217,
0.4113

■ 41.3905, 0.3159,
0.3537

■ 36.5113, 0.3238,
0.4430

■ 43.4456, 0.3127,
0.3287

■ 35.2871, 0.3251,
0.4754

■ 45.7272, 0.3094,
0.3065

■ 34.2493, 0.3252,
0.5069


■ 48.2423, 0.3062,
0.2867

■ 33.3880, 0.3240,
0.5357


■ 50.9972, 0.3031,
0.2694


 32.6923, 0.3214,
0.5597

 53.9982, 0.3001,
0.2541


 32.1499, 0.3175,
0.5776

 56.6441, 0.3039,
0.2487

 31.7403, 0.3131,
0.5895

 58.9137, 0.3137,
0.2511

 31.7365, 0.3130,
0.5896

 59.5357, 0.3163,
0.2517

Harmonies

Analogous

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



39.5531, 0.3493, 0.3851



39.5531, 0.3190, 0.3813



39.5531, 0.2881, 0.3610

Triad

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



39.5531, 0.3190, 0.3813



39.5531, 0.2575, 0.2834



39.5531, 0.3629, 0.3238

Complementary

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



39.5531, 0.3190, 0.3813



30.2963, 0.3048, 0.2790

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.



39.5531, 0.3361, 0.2998



39.5531, 0.3190, 0.3813



39.5531, 0.2754, 0.2767

Square

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



39.5531, 0.3190, 0.3813



39.5531, 0.2536, 0.3027



39.5531, 0.3039, 0.2829



39.5531, 0.3757, 0.3502

Rectangle

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



39.5531, 0.3190, 0.3813



39.5531, 0.2711, 0.3416



39.5531, 0.3039, 0.2829



39.5531, 0.3552, 0.3153

Sweetspot

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



39.5548, 0.3190, 0.3813



76.4207, 0.3147, 0.3439



38.2487, 0.3448, 0.3636



16.5116, 0.3149, 0.3455



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



39.5548, 0.3190, 0.3813



70.3481, 0.3203, 0.3946



38.8565, 0.3047, 0.3716



9.6033, 0.3157, 0.3522



23.3081, 0.3137, 0.5891



0.7637, 0.3361, 0.5713

Inverse Universe

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



30.2963, 0.3048, 0.2790



50.3889, 0.3026, 0.2670



31.1458, 0.3219, 0.2898



8.5228, 0.3094, 0.3062



5.5795, 0.2509, 0.1156



0.2033, 0.2713, 0.1268

Previews

White Background



This preview shows how the Yxy color 39.5531, 0.3190, 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 39.5531, 0.3190, 0.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

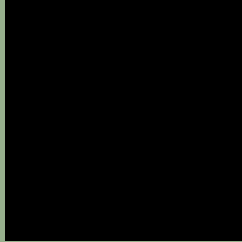
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5531, 0.3190, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 39.5531, 0.3190, 0.3813.



This preview shows how white text looks on a background with the Yxy color 39.5531, 0.3190, 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

39.5531, 0.3190, 0.3813

Protanopia

39.2764, 0.3497, 0.3724

Deuteranopia

39.1917, 0.3599, 0.3531



Tritanopia

39.4792, 0.2909, 0.3094

Trichromacy



Original Color

39.5531, 0.3190, 0.3813

Protanomaly

39.2856, 0.3383, 0.3765

Deuteranomaly

39.0856, 0.3445, 0.3626

Tritanomaly

39.3008, 0.3010, 0.3347

Monochromacy



Original Color

39.5531, 0.3190, 0.3813

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.2498, 0.3155, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5531, 0.3190, 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(151, 176, 141)` looks like.

```
.text, #text, p{  
    color:rgb(151, 176, 141)  
}
```

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(151, 176, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 176, 141) }
```

Border

The CSS property to change the border of an element to Yxy 39.5531, 0.3190, 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(151, 176, 141) }
```

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

```
.border{ border-color:rgb(151, 176, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 176, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 176, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 176, 141); box-shadow:4px 4px 4px 4px rgb(151, 176, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5531, 0.3190, 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(151, 176, 141) }
```

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

```
.background{ background-color: rgb(151,  
176, 141) }
```

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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