

Converting Colors

$Yxy(39.4855, 0.3180, 0.3808)$

Have a look what the booklet for
Yxy(39.4855, 0.3180, 0.3808)
contains.

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Color

Yxy(39.4578, 0.3181, 0.3814)

Conversions

Conversions Part 1

Format	Color
Hex	96B08D
RGB	150, 176, 141
RGB Percent	59%, 69%, 55%
CMY	0.4118, 0.3098, 0.4470
CMYK	0.15, 0.00, 0.20, 0.31
HSL	105°, 18%, 62%
HSV	105°, 20%, 69%
XYZ	32.9091, 39.4578, 31.0883
YIQ	164.2360, -4.2610, -16.3970

Conversions

Conversions Part 2

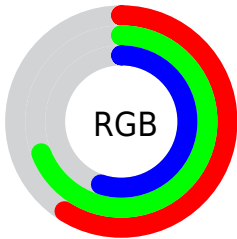
Format	Color
RYB	141, 176, 167
Decimal	9875597
CIELab	69.08, -15.63, 15.00
CIElCh	69, 21.662, 136.191
Yxy	39.4578, 0.3181, 0.3814
Android (android.graphics.Color)	4288065677 (0xFF96B08D)
YUV	164.2360, -11.4553, -12.4850
Hunter-Lab	62.8154, -16.4107, 14.6273

Details

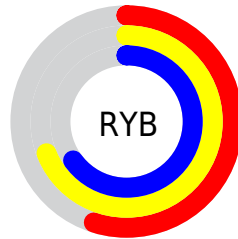
The Yxy color **39.4578, 0.3181, 0.3814** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.4113, 0.3058, 0.2792**, and the grayscale version is **37.2996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4907, 0.3168, 0.3711**, and **17.5739, 0.3191, 0.3973** is the 20% darker color. If you saturate the color by 10%, you get **37.8031, 0.3204, 0.4116**, and if you desaturate by 10%, it is **41.3380, 0.3155, 0.3537**.

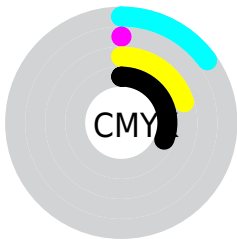
Distribution



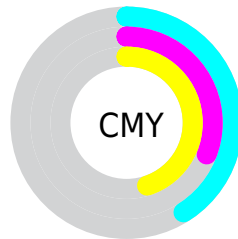
- Red (59%)
- Green (69%)
- Blue (55%)



- Red (55%)
- Yellow (69%)
- Blue (65%)



- Cyan (15%)
- Magenta (0%)
- Yellow (20%)
- Black (31%)





- Cyan (41%)
- Magenta (31%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4578, 0.3181, 0.3814 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 39.4578, 0.3181, 0.3814 by changing the saturation by 10% instead.


 39.4578, 0.3181,
0.3814


 39.4578, 0.3181,
0.3814


343.8330, 0.3157,
0.3537

 27.1161, 0.3186,
0.3888


 74.3372, 0.3173,
0.3710

 17.6604, 0.3190,
0.3987


 97.6436, 0.3170,
0.3672

 10.7065, 0.3195,
0.4124


 125.3736, 0.3167,
0.3640

 5.8698, 0.3197,
0.4326

157.9118, 0.3165,
0.3613

 2.7661, 0.3189,
0.4655

195.6424, 0.3163,
0.3590

 1.0109, 0.3519,
0.6197

238.9499, 0.3161,

 0.0000, 0.0000,

0.3570

0.0000

288.2186, 0.3159,
0.3553

■ 39.4578, 0.3181,
0.3814

■ 39.4578, 0.3181,
0.3814

■ 37.8031, 0.3204,
0.4116

■ 41.3380, 0.3155,
0.3537

■ 36.3602, 0.3221,
0.4436

■ 43.4466, 0.3127,
0.3287

■ 35.1220, 0.3230,
0.4763

■ 45.7928, 0.3098,
0.3065

■ 34.0786, 0.3228,
0.5082

■ 48.3839, 0.3070,
0.2868

■ 33.2195, 0.3214,
0.5373

■ 51.2269, 0.3043,
0.2696

■ 32.5330, 0.3188,
0.5616

■ 54.3283, 0.3017,
0.2544

■ 32.0061, 0.3150,
0.5795

■ 57.0860, 0.3059,
0.2492

■ 31.6173, 0.3108,
0.5913

■ 59.4817, 0.3161,
0.2517

■ 31.6132, 0.3108,
0.5914

■ 59.5336, 0.3163,
0.2517

Harmonies

Analogous

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



39.4578, 0.3488, 0.3857



39.4578, 0.3181, 0.3814



39.4578, 0.2870, 0.3605

Triad

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



39.4578, 0.3181, 0.3814



39.4578, 0.2574, 0.2826



39.4578, 0.3640, 0.3245

Complementary

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



39.4578, 0.3181, 0.3814



30.4113, 0.3058, 0.2792

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.



39.4578, 0.3372, 0.3002



39.4578, 0.3181, 0.3814



39.4578, 0.2758, 0.2763

Square

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



39.4578, 0.3181, 0.3814



39.4578, 0.2530, 0.3018



39.4578, 0.3047, 0.2829



39.4578, 0.3763, 0.3511

Rectangle

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



39.4578, 0.3181, 0.3814



39.4578, 0.2701, 0.3408



39.4578, 0.3047, 0.2829



39.4578, 0.3563, 0.3159

Sweetspot

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



39.4595, 0.3181, 0.3814



76.3595, 0.3144, 0.3439



38.6741, 0.3444, 0.3652



16.4971, 0.3146, 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.



39.4595, 0.3181, 0.3814



70.1464, 0.3192, 0.3948



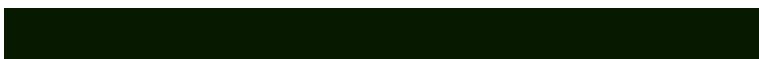
38.8939, 0.3038, 0.3698



9.5918, 0.3153, 0.3523



23.2174, 0.3114, 0.5909



0.7590, 0.3328, 0.5739

Inverse Universe

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



30.4113, 0.3058, 0.2792



50.6266, 0.3039, 0.2673



31.1081, 0.3231, 0.2914



8.5350, 0.3098, 0.3063



5.8650, 0.2578, 0.1194



0.2105, 0.2763, 0.1296

Previews

White Background



This preview shows how the Yxy color 39.4578, 0.3181, 0.3814 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 39.4578, 0.3181, 0.3814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

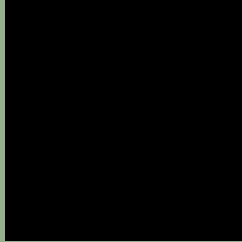
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4578, 0.3181, 0.3814

Background



This preview shows how black text looks on a background with the Yxy color 39.4578, 0.3181, 0.3814.



This preview shows how white text looks on a background with the Yxy color 39.4578, 0.3181, 0.3814.

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

39.4578, 0.3181, 0.3814

Protanopia

39.2764, 0.3497, 0.3724

Deuteranopia

39.1917, 0.3599, 0.3531



Tritanopia

39.3782, 0.2901, 0.3093

Trichromacy



Original Color

39.4578, 0.3181, 0.3814

Protanomaly

39.2856, 0.3383, 0.3765

Deuteranomaly

38.9677, 0.3435, 0.3627

Tritanomaly

39.2022, 0.3001, 0.3347

Monochromacy



Original Color

39.4578, 0.3181, 0.3814

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.7765, 0.3147, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4578, 0.3181, 0.3814 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(150, 176, 141)` looks like.

```
.text, #text, p{  
    color:rgb(150, 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(150, 176, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 176, 141) }
```

Border

The CSS property to change the border of an element to Yxy 39.4578, 0.3181, 0.3814 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(150, 176, 141) }
```

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

```
.border{ border-color:rgb(150, 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(150, 176, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 176, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 176, 141);  
box-shadow:4px 4px 4px 4px rgb(150, 176,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4578, 0.3181, 0.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 176, 141) }
```

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

```
.background{ background-color: rgb(150,  
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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