

Converting Colors

$Yxy(37.8577, 0.3330, 0.3115)$

Have a look what the booklet for
Yxy(37.8577, 0.3330, 0.3115)
contains.

Yxy(37.9634, 0.3331, 0.3119)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(37.9634, 0.3331, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	BE9DAA
RGB	190, 157, 170
RGB Percent	75%, 62%, 67%
CMY	0.2549, 0.3843, 0.3334
CMYK	0.00, 0.17, 0.11, 0.25
HSL	336°, 20%, 68%
HSV	336°, 17%, 75%
XYZ	40.5438, 37.9634, 43.2094
YIQ	168.3490, 15.4950, 11.0390

Conversions

Conversions Part 2

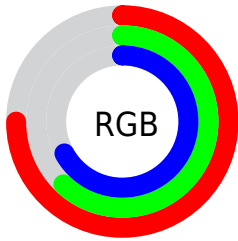
Format	Color
R _Y B	190, 157, 170
Decimal	12492202
CIE Lab	67.99, 14.34, -2.16
CIE LCh	68, 14.504, 351.452
Yxy	37.9634, 0.3331, 0.3119
Android (android.graphics.Color)	4290682282 (0xFFBE9DAA)
YUV	168.3490, 0.8139, 18.9879
Hunter-Lab	61.6144, 9.6320, 1.5508

Details

The Yxy color **37.9634, 0.3331, 0.3119** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.1664, 0.2960, 0.3468**, and the grayscale version is **39.3284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2974, 0.3297, 0.3157**, and **16.8503, 0.3388, 0.3073** is the 20% darker color. If you saturate the color by 10%, you get **31.6105, 0.3484, 0.3014**, and if you desaturate by 10%, it is **45.3576, 0.3205, 0.3220**.

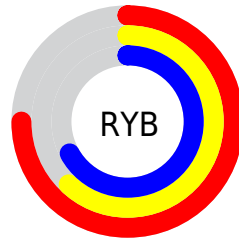
Distribution



Red (75%)

Green (62%)

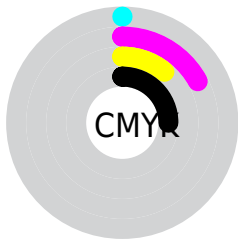
Blue (67%)



Red (75%)

Yellow (62%)

Blue (67%)

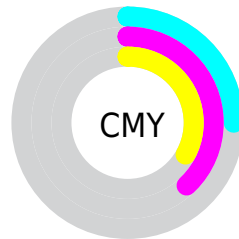


Cyan (0%)

Magenta (17%)

Yellow (11%)

Black (25%)



Cyan (25%)


Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9634, 0.3331, 0.3119 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 37.9634, 0.3331, 0.3119 by changing the saturation by 10% instead.

 37.9634, 0.3331,
0.3119

 37.9634, 0.3331,
0.3119

337.4629, 0.3226,
0.3207

 25.9543, 0.3358,
0.3096

 72.0520, 0.3292,
0.3151

 16.7894, 0.3394,
0.3067


 94.9003, 0.3278,
0.3163

 10.0845, 0.3443,
0.3027


122.1305, 0.3266,
0.3173

 5.4550, 0.3513,
0.2970

154.1269, 0.3255,
0.3182

 2.5166, 0.3623,
0.2881

191.2740, 0.3247,
0.3189

 0.8849, 0.3822,
0.2724

233.9561, 0.3239,

 0.0000, 1.0000,

0.3196

0.0000

282.5576, 0.3232,
0.3202

■ 0.0000, 0.0000,
0.0000

■ 37.9634, 0.3331,
0.3119

■ 37.9634, 0.3331,
0.3119

■ 31.6105, 0.3484,
0.3014

■ 45.3576, 0.3205,
0.3220

■ 26.2468, 0.3667,
0.2909

■ 53.8320, 0.3102,
0.3314

■ 21.8233, 0.3886,
0.2809

■ 63.4298, 0.3017,
0.3402

■ 18.2847, 0.4139,
0.2722

■ 74.1903, 0.2947,
0.3483

■ 15.5701, 0.4424,
0.2660

■ 86.1508, 0.2890,
0.3557

■ 13.6105, 0.4731,
0.2635

■ 88.7066, 0.2832,
0.3460

■ 12.3257, 0.5042,
0.2659

■ 89.4105, 0.2773,
0.3335

■ 11.6011, 0.5335,
0.2732

■ 89.6856, 0.2752,
0.3289

■ 11.4495, 0.5411,
0.2754

Harmonies

Analogous

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



37.9634, 0.3114, 0.2987



37.9634, 0.3331, 0.3119



37.9634, 0.3496, 0.3296

Triad

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



37.9634, 0.3331, 0.3119



37.9634, 0.3342, 0.3675



37.9634, 0.2714, 0.3080

Complementary

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



37.9634, 0.3331, 0.3119



47.1664, 0.2960, 0.3468

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.



37.9634, 0.2771, 0.3267



37.9634, 0.3331, 0.3119



37.9634, 0.3129, 0.3621

Square

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



37.9634, 0.3331, 0.3119



37.9634, 0.3501, 0.3618



37.9634, 0.2920, 0.3469



37.9634, 0.2763, 0.2959

Rectangle

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



37.9634, 0.3331, 0.3119



37.9634, 0.3551, 0.3419



37.9634, 0.2920, 0.3469



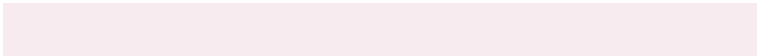
37.9634, 0.2721, 0.3137

Sweetspot

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



37.9651, 0.3331, 0.3119



85.5266, 0.3180, 0.3242



37.1586, 0.3024, 0.2850



18.5504, 0.3188, 0.3235



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.



37.9651, 0.3331, 0.3119



63.9995, 0.3388, 0.3078



38.6295, 0.3449, 0.3335



9.5968, 0.3228, 0.3200



7.6288, 0.5377, 0.2736



0.3118, 0.4738, 0.2384

Inverse Universe

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



37.9651, 0.3331, 0.3119



63.9995, 0.3388, 0.3078



46.2960, 0.2867, 0.3245



9.5968, 0.3228, 0.3200



7.6288, 0.5377, 0.2736



0.3118, 0.4738, 0.2384

Previews

White Background



This preview shows how the Yxy color 37.9634, 0.3331, 0.3119 looks on a white background.

Color Contrast Check

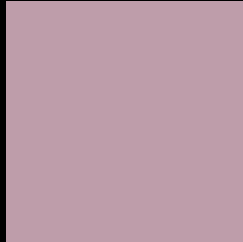
Large Text (above 18pt) WCAG AA × Fail

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 37.9634, 0.3331, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

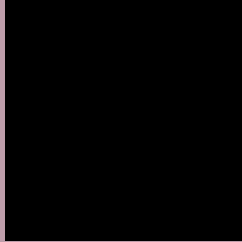
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9634, 0.3331, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 37.9634, 0.3331, 0.3119.



This preview shows how white text looks on a background with the Yxy color 37.9634, 0.3331, 0.3119.

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

37.9634, 0.3331, 0.3119

Protanopia

38.1124, 0.3051, 0.3150

Deuteranopia

38.0576, 0.3237, 0.3181



Tritanopia

37.9257, 0.3340, 0.3132

Trichromacy



Original Color

37.9634, 0.3331, 0.3119

Protanomaly

37.9718, 0.3153, 0.3139

Deuteranomaly

38.1965, 0.3277, 0.3169

Tritanomaly

37.9257, 0.3340, 0.3132

Monochromacy



Original Color

37.9634, 0.3331, 0.3119

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.6456, 0.3196, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9634, 0.3331, 0.3119 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(190, 157, 170)` looks like.

```
.text, #text, p{  
    color:rgb(190, 157, 170)  
}
```

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(190, 157, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 157, 170) }
```

Border

The CSS property to change the border of an element to Yxy 37.9634, 0.3331, 0.3119 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(190, 157, 170) }
```

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

```
.border{ border-color:rgb(190, 157, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 157, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 157, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 157, 170);  
box-shadow:4px 4px 4px 4px rgb(190, 157,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9634, 0.3331, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 157, 170) }
```

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

```
.background{ background-color: rgb(190,  
157, 170) }
```

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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