

Converting Colors

Yxy(37.9511, 0.3223, 0.3172)

Have a look what the booklet for
Yxy(37.9511, 0.3223, 0.3172)
contains.

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Color

Yxy(37.9757, 0.3219, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	B3A1AA
RGB	179, 161, 170
RGB Percent	70%, 63%, 67%
CMY	0.2979, 0.3687, 0.3333
CMYK	0.00, 0.10, 0.05, 0.30
HSL	330°, 11%, 67%
HSV	330°, 10%, 70%
XYZ	38.5992, 37.9757, 43.3357
YIQ	167.4080, 7.8390, 6.6150

Conversions

Conversions Part 2

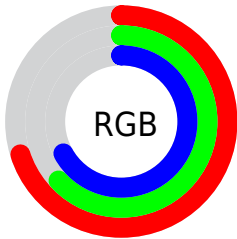
Format	Color
RYB	179, 161, 170
Decimal	11772330
CIELab	68.00, 8.19, -2.28
CIELCh	68, 8.500, 344.418
Yxy	37.9757, 0.3219, 0.3167
Android (android.graphics.Color)	4289962410 (0xFFB3A1AA)
YUV	167.4080, 1.2779, 10.1662
Hunter-Lab	61.6244, 3.9630, 1.4430

Details

The Yxy color **37.9757, 0.3219, 0.3167** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.7349, 0.3044, 0.3416**, and the grayscale version is **38.8470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2101, 0.3204, 0.3196**, and **16.6809, 0.3244, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **31.8347, 0.3329, 0.3039**, and if you desaturate by 10%, it is **45.0390, 0.3128, 0.3289**.

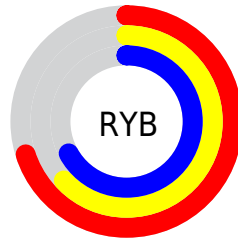
Distribution



Red (70%)

Green (63%)

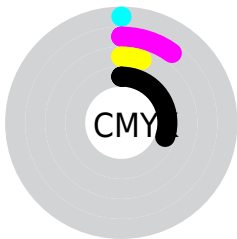
Blue (67%)



Red (70%)

Yellow (63%)

Blue (67%)

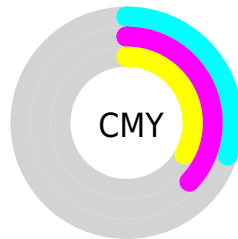


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (30%)



Cyan (30%)

Magenta (37%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.9757, 0.3219, 0.3167 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 37.9757, 0.3219, 0.3167 by changing the saturation by 10% instead.


 37.9757, 0.3219,
0.3167


 37.9757, 0.3219,
0.3167


337.5157, 0.3172,
0.3230

 25.9638, 0.3231,
0.3151


 72.0709, 0.3202,
0.3190

 16.7966, 0.3247,
0.3129


 94.9230, 0.3195,
0.3199

 10.0896, 0.3269,
0.3101


122.1573, 0.3190,
0.3206

 5.4584, 0.3300,
0.3059

154.1582, 0.3185,
0.3212

 2.5186, 0.3350,
0.2994

191.3101, 0.3181,
0.3218

 0.8859, 0.3439,
0.2879

233.9974, 0.3178,

 0.0000, 0.0000,

0.3222

0.0000

282.6045, 0.3175,
0.3227

■ 37.9757, 0.3219,
0.3167

■ 37.9757, 0.3219,
0.3167

■ 31.8347, 0.3329,
0.3039

■ 45.0390, 0.3128,
0.3289

■ 26.5728, 0.3460,
0.2906

■ 53.0558, 0.3052,
0.3403

■ 22.1504, 0.3615,
0.2775

■ 62.0618, 0.2990,
0.3509

■ 18.5233, 0.3796,
0.2651

■ 72.0895, 0.2938,
0.3606

■ 15.6430, 0.4003,
0.2545

■ 83.1698, 0.2896,
0.3695

■ 13.4555, 0.4230,
0.2467

■ 86.4738, 0.2852,
0.3638

■ 11.8998, 0.4472,
0.2431

■ 86.9712, 0.2806,
0.3536

■ 10.9038, 0.4716,
0.2444

■ 87.4945, 0.2761,
0.3435

■ 10.3196, 0.4953,
0.2502

■ 88.0441, 0.2718,
0.3337

Harmonies

Analogous

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



37.9757, 0.3090, 0.3096



37.9757, 0.3219, 0.3167



37.9757, 0.3324, 0.3269

Triad

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



37.9757, 0.3219, 0.3167



37.9757, 0.3280, 0.3512



37.9757, 0.2885, 0.3193

Complementary

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



37.9757, 0.3219, 0.3167



42.7349, 0.3044, 0.3416

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.



37.9757, 0.2933, 0.3306



37.9757, 0.3219, 0.3167



37.9757, 0.3160, 0.3494

Square

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



37.9757, 0.3219, 0.3167



37.9757, 0.3360, 0.3469



37.9757, 0.3033, 0.3418



37.9757, 0.2899, 0.3109

Rectangle

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



37.9757, 0.3219, 0.3167



37.9757, 0.3366, 0.3344



37.9757, 0.3033, 0.3418



37.9757, 0.2894, 0.3229

Sweetspot

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



37.9774, 0.3219, 0.3167



76.6957, 0.3153, 0.3254



37.2562, 0.3052, 0.3040



16.7625, 0.3160, 0.3244



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



37.9774, 0.3219, 0.3167



65.5161, 0.3241, 0.3140



37.6577, 0.3299, 0.3286



8.5738, 0.3211, 0.3177



7.3019, 0.4927, 0.2488



0.2415, 0.4326, 0.2157

Inverse Universe

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



37.9774, 0.3219, 0.3167



65.5161, 0.3241, 0.3140



43.0764, 0.2977, 0.3294



8.5738, 0.3211, 0.3177



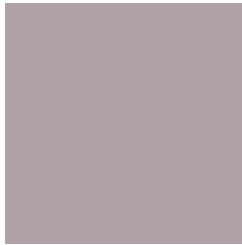
7.3019, 0.4927, 0.2488



0.2415, 0.4326, 0.2157

Previews

White Background



This preview shows how the Yxy color 37.9757, 0.3219, 0.3167 looks on a white background.

Color Contrast Check

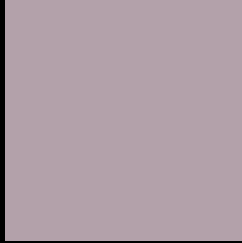
Large Text (above 18pt) WCAG AA × Fail

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 37.9757, 0.3219, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

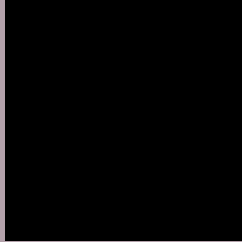
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9757, 0.3219, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 37.9757, 0.3219, 0.3167.



This preview shows how white text looks on a background with the Yxy color 37.9757, 0.3219, 0.3167.

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

37.9757, 0.3219, 0.3167

Protanopia

38.1043, 0.3086, 0.3192

Deuteranopia

38.0953, 0.3228, 0.3168



Tritanopia

37.7424, 0.3193, 0.3113

Trichromacy



Original Color

37.9757, 0.3219, 0.3167

Protanomaly

38.1491, 0.3132, 0.3193

Deuteranomaly

38.0953, 0.3228, 0.3168

Tritanomaly

37.7039, 0.3202, 0.3127

Monochromacy



Original Color

37.9757, 0.3219, 0.3167

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.3953, 0.3157, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9757, 0.3219, 0.3167 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(179, 161, 170)` looks like.

```
.text, #text, p{  
    color:rgb(179, 161, 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(179, 161, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 161, 170) }
```

Border

The CSS property to change the border of an element to Yxy 37.9757, 0.3219, 0.3167 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(179, 161, 170) }
```

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

```
.border{ border-color:rgb(179, 161, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 161, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 161, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 161, 170);  
box-shadow:4px 4px 4px 4px rgb(179, 161,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9757, 0.3219, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 161, 170) }
```

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

```
.background{ background-color: rgb(179,  
161, 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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