

Converting Colors

Yxy(37.9600, 0.3184, 0.3119)

Have a look what the booklet for
Yxy(37.9600, 0.3184, 0.3119)
contains.

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Color

Yxy(37.9718, 0.3182, 0.3127)

Conversions

Conversions Part 1

Format	Color
Hex	B2A1AD
RGB	178, 161, 173
RGB Percent	70%, 63%, 68%
CMY	0.3021, 0.3686, 0.3216
CMYK	0.00, 0.10, 0.03, 0.30
HSL	318°, 10%, 66%
HSV	318°, 10%, 70%
XYZ	38.6397, 37.9718, 44.8206
YIQ	167.4510, 6.2800, 7.3360

Conversions

Conversions Part 2

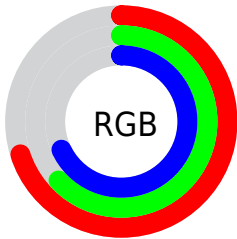
Format	Color
RYB	178, 161, 173
Decimal	11706797
CIELab	68.00, 8.33, -3.95
CIELCh	68, 9.219, 334.631
Yxy	37.9718, 0.3182, 0.3127
Android (android.graphics.Color)	4289896877 (0xFFB2A1AD)
YUV	167.4510, 2.7357, 9.2515
Hunter-Lab	61.6213, 4.0914, 0.0100

Details

The Yxy color **37.9718, 0.3182, 0.3127** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.1570, 0.3076, 0.3459**, and the grayscale version is **38.8575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2056, 0.3176, 0.3164**, and **16.6777, 0.3192, 0.3063** is the 20% darker color. If you saturate the color by 10%, you get **31.9907, 0.3249, 0.2949**, and if you desaturate by 10%, it is **44.8494, 0.3125, 0.3298**.

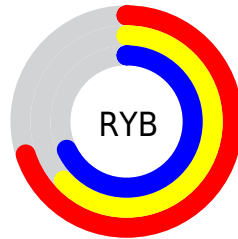
Distribution



Red (70%)

Green (63%)

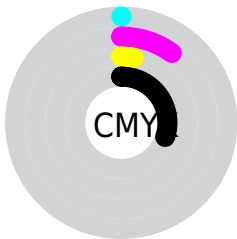
Blue (68%)



Red (70%)

Yellow (63%)

Blue (68%)

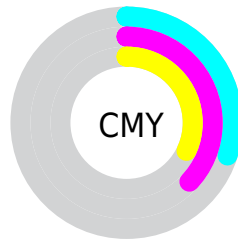


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (30%)



Cyan (30%)


Magenta (37%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9718, 0.3182, 0.3127 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 37.9718, 0.3182, 0.3127 by changing the saturation by 10% instead.


 37.9718, 0.3182,
0.3127


 37.9718, 0.3182,
0.3127

337.4990, 0.3154,
0.3210

 25.9608, 0.3189,
0.3106


 72.0649, 0.3172,
0.3158

 16.7943, 0.3198,
0.3078


 94.9158, 0.3168,
0.3169

 10.0880, 0.3211,
0.3040


122.1488, 0.3165,
0.3179

 5.4573, 0.3228,
0.2986

154.1483, 0.3162,
0.3187

 2.5180, 0.3256,
0.2902

191.2987, 0.3160,
0.3194

 0.8856, 0.3303,
0.2755

233.9843, 0.3158,

 0.0000, 0.0000,

0.3200

0.0000

282.5896, 0.3156,
0.3206

■ 37.9718, 0.3182,
0.3127

■ 37.9718, 0.3182,
0.3127

■ 31.9907, 0.3249,
0.2949

■ 44.8494, 0.3125,
0.3298

■ 26.8638, 0.3328,
0.2767

■ 52.6537, 0.3076,
0.3459

■ 22.5528, 0.3417,
0.2587

■ 61.4194, 0.3035,
0.3610

■ 19.0147, 0.3518,
0.2418

■ 71.1781, 0.3001,
0.3749

■ 16.2024, 0.3629,
0.2268

■ 81.9599, 0.2973,
0.3877

■ 14.0635, 0.3748,
0.2148

■ 85.3560, 0.2946,
0.3866

■ 12.5386, 0.3870,
0.2068

■ 85.6115, 0.2919,
0.3804

■ 11.5581, 0.3993,
0.2034

■ 85.8755, 0.2892,
0.3743

■ 10.9843, 0.4113,
0.2042

■ 86.1480, 0.2865,
0.3682

Harmonies

Analogous

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



37.9718, 0.3043, 0.3066



37.9718, 0.3182, 0.3127



37.9718, 0.3309, 0.3229

Triad

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



37.9718, 0.3182, 0.3127



37.9718, 0.3327, 0.3522



37.9718, 0.2874, 0.3222

Complementary

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



37.9718, 0.3182, 0.3127



42.1570, 0.3076, 0.3459

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.



37.9718, 0.2947, 0.3349



37.9718, 0.3182, 0.3127



37.9718, 0.3208, 0.3526

Square

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



37.9718, 0.3182, 0.3127



37.9718, 0.3394, 0.3456



37.9718, 0.3069, 0.3462



37.9718, 0.2867, 0.3118

Rectangle

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



37.9718, 0.3182, 0.3127



37.9718, 0.3368, 0.3309



37.9718, 0.3069, 0.3462



37.9718, 0.2892, 0.3264

Sweetspot

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



37.9735, 0.3182, 0.3127



76.7760, 0.3144, 0.3239



36.7968, 0.3025, 0.3053



16.7848, 0.3148, 0.3225



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.



37.9735, 0.3182, 0.3127



66.9718, 0.3193, 0.3098



37.6622, 0.3257, 0.3240



8.6034, 0.3181, 0.3130



7.8567, 0.4106, 0.2036



0.2568, 0.3803, 0.1869

Inverse Universe

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



37.9735, 0.3182, 0.3127



66.9718, 0.3193, 0.3098



42.4713, 0.3011, 0.3341



8.6034, 0.3181, 0.3130



7.8567, 0.4106, 0.2036



0.2568, 0.3803, 0.1869

Previews

White Background



This preview shows how the Yxy color 37.9718, 0.3182, 0.3127 looks on a white background.

Color Contrast Check

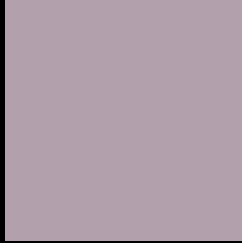
Large Text (above 18pt) WCAG AA × Fail

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 37.9718, 0.3182, 0.3127 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 37.9718, 0.3182, 0.3127

Background



This preview shows how black text looks on a background with the Yxy color 37.9718, 0.3182, 0.3127.



This preview shows how white text looks on a background with the Yxy color 37.9718, 0.3182, 0.3127.

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

37.9718, 0.3182, 0.3127

Protanopia

38.1124, 0.3051, 0.3150

Deuteranopia

38.0906, 0.3192, 0.3127



Tritanopia

38.0107, 0.3173, 0.3113

Trichromacy



Original Color

37.9718, 0.3182, 0.3127

Protanomaly

38.1530, 0.3097, 0.3151

Deuteranomaly

38.0906, 0.3192, 0.3127

Tritanomaly

38.0107, 0.3173, 0.3113

Monochromacy



Original Color

37.9718, 0.3182, 0.3127

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.4328, 0.3148, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9718, 0.3182, 0.3127 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(178, 161, 173)` looks like.

```
.text, #text, p{  
    color:rgb(178, 161, 173)  
}
```

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(178, 161, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 161, 173) }
```

Border

The CSS property to change the border of an element to Yxy 37.9718, 0.3182, 0.3127 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(178, 161, 173) }
```

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

```
.border{ border-color:rgb(178, 161, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 161, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 161, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 161, 173);  
box-shadow:4px 4px 4px 4px rgb(178, 161,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9718, 0.3182, 0.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 161, 173) }
```

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

```
.background{ background-color: rgb(178,  
161, 173) }
```

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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