

Converting Colors

$Yxy(37.1780, 0.3378, 0.3374)$

Have a look what the booklet for
Yxy(37.1780, 0.3378, 0.3374)
contains.

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Color

Yxy(37.1780, 0.3378, 0.3374)

Conversions

Conversions Part 1

Format	Color
Hex	B4A09A
RGB	180, 160, 154
RGB Percent	71%, 63%, 60%
CMY	0.2942, 0.3725, 0.3960
CMYK	0.00, 0.11, 0.14, 0.29
HSL	14°, 15%, 65%
HSV	14°, 14%, 71%
XYZ	37.2221, 37.1780, 35.7896
YIQ	165.2960, 13.8460, 2.3740

Conversions

Conversions Part 2

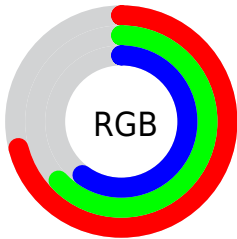
Format	Color
RYB	180, 162, 154
Decimal	11837594
CIELab	67.41, 6.28, 5.78
CIELCh	67, 8.541, 42.630
Yxy	37.1780, 0.3378, 0.3374
Android (android.graphics.Color)	4290027674 (0xFFB4A09A)
YUV	165.2960, -5.5689, 12.8954
Hunter-Lab	60.9738, 2.2631, 7.8803

Details

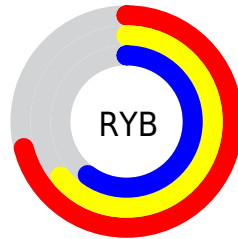
The Yxy color **37.1780, 0.3378, 0.3374** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.4265, 0.2909, 0.3204**, and the grayscale version is **37.7984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9878, 0.3332, 0.3365**, and **16.4286, 0.3457, 0.3407** is the 20% darker color. If you saturate the color by 10%, you get **32.0903, 0.3595, 0.3437**, and if you desaturate by 10%, it is **42.8929, 0.3197, 0.3315**.

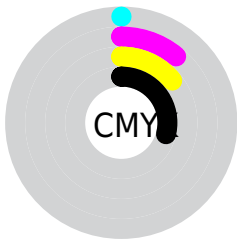
Distribution



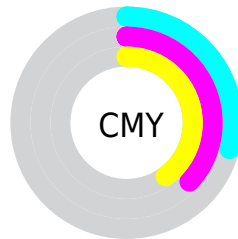
- Red (71%)
- Green (63%)
- Blue (60%)



- Red (71%)
- Yellow (64%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (14%)
- Black (29%)





- Cyan (29%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1780, 0.3378, 0.3374 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 37.1780, 0.3378, 0.3374 by changing the saturation by 10% instead.

 37.1780, 0.3378,
0.3374


 37.1780, 0.3378,
0.3374


334.0805, 0.3247,
0.3332

 25.3453, 0.3413,
0.3385


 70.8465, 0.3329,
0.3359

 16.3345, 0.3458,
0.3398


 93.4511, 0.3311,
0.3353

 9.7612, 0.3521,
0.3417


120.4151, 0.3296,
0.3348

 5.2409, 0.3613,
0.3442

152.1229, 0.3283,
0.3344

 2.3893, 0.3760,
0.3481

188.9590, 0.3272,
0.3340

 0.8204, 0.4170,
0.3653

231.3077, 0.3263,

 0.0000, 0.0000,

0.3337

0.0000

279.5534, 0.3255,
0.3334

■ 37.1780, 0.3378,
0.3374

■ 37.1780, 0.3378,
0.3374

■ 32.0903, 0.3595,
0.3437

■ 42.8929, 0.3197,
0.3315

■ 27.6034, 0.3853,
0.3500

■ 49.2505, 0.3047,
0.3260

■ 23.6963, 0.4157,
0.3562

■ 56.2717, 0.2921,
0.3210

■ 20.3451, 0.4506,
0.3615

■ 63.9751, 0.2816,
0.3164

■ 17.5238, 0.4890,
0.3651

■ 72.3786, 0.2727,
0.3122

■ 15.2045, 0.5288,
0.3661

■ 81.0406, 0.2686,
0.3158

■ 13.3567, 0.5663,
0.3634

■ 88.4403, 0.2701,
0.3289

■ 11.9458, 0.5971,
0.3569

■ 11.3287, 0.6113,
0.3528

Harmonies

Analogous

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



37.1780, 0.3322, 0.3263



37.1780, 0.3378, 0.3374



37.1780, 0.3365, 0.3466

Triad

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



37.1780, 0.3378, 0.3374



37.1780, 0.3039, 0.3426



37.1780, 0.2966, 0.3073

Complementary

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



37.1780, 0.3378, 0.3374



40.4265, 0.2909, 0.3204

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.



37.1780, 0.2894, 0.3110



37.1780, 0.3378, 0.3374



37.1780, 0.2936, 0.3314

Square

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



37.1780, 0.3378, 0.3374



37.1780, 0.3168, 0.3499



37.1780, 0.2883, 0.3198



37.1780, 0.3082, 0.3091

Rectangle

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



37.1780, 0.3378, 0.3374



37.1780, 0.3320, 0.3504



37.1780, 0.2883, 0.3198



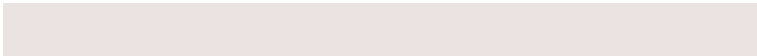
37.1780, 0.2936, 0.3079

Sweetspot

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



37.1797, 0.3378, 0.3374



78.1915, 0.3191, 0.3313



35.8842, 0.3195, 0.3014



16.7237, 0.3204, 0.3317



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.



37.1797, 0.3378, 0.3374



64.6781, 0.3436, 0.3392



41.7747, 0.3353, 0.3545



8.8136, 0.3281, 0.3343



7.9964, 0.6093, 0.3544



0.3411, 0.5556, 0.3970

Inverse Universe

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



40.4265, 0.2909, 0.3204



71.5955, 0.2866, 0.3186



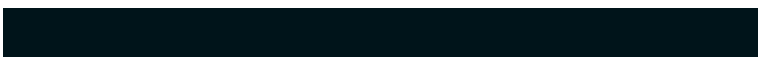
35.7832, 0.2903, 0.3022



9.2918, 0.2986, 0.3236



15.1691, 0.2038, 0.2538



0.5588, 0.2103, 0.2771

Previews

White Background



This preview shows how the Yxy color 37.1780, 0.3378, 0.3374 looks on a white background.

Color Contrast Check

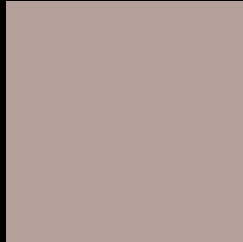
Large Text (above 18pt) WCAG AA × Fail

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 37.1780, 0.3378, 0.3374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

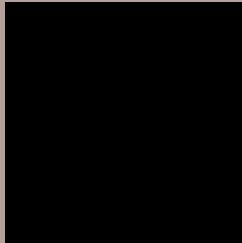
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1780, 0.3378, 0.3374

Background



This preview shows how black text looks on a background with the Yxy color 37.1780, 0.3378, 0.3374.



This preview shows how white text looks on a background with the Yxy color 37.1780, 0.3378, 0.3374.

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

37.1780, 0.3378, 0.3374

Protanopia

37.3862, 0.3245, 0.3404

Deuteranopia

37.3197, 0.3420, 0.3359



Tritanopia

37.3011, 0.3251, 0.3128

Trichromacy



Original Color

37.1780, 0.3378, 0.3374

Protanomaly

37.4452, 0.3295, 0.3403

Deuteranomaly

37.1966, 0.3410, 0.3360

Tritanomaly

37.3004, 0.3296, 0.3222

Monochromacy



Original Color

37.1780, 0.3378, 0.3374

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.3136, 0.3211, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1780, 0.3378, 0.3374 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(180, 160, 154)` looks like.

```
.text, #text, p{  
    color:rgb(180, 160, 154)  
}
```

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(180, 160, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 160, 154) }
```

Border

The CSS property to change the border of an element to Yxy 37.1780, 0.3378, 0.3374 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(180, 160, 154) }
```

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

```
.border{ border-color:rgb(180, 160, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 160, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 160, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 160, 154);  
box-shadow:4px 4px 4px 4px rgb(180, 160,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1780, 0.3378, 0.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 160, 154) }
```

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

```
.background{ background-color: rgb(180,  
160, 154) }
```

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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