

Converting Colors

$Yxy(37.7821, 0.3349, 0.3332)$

Have a look what the booklet for
Yxy(37.7821, 0.3349, 0.3332)
contains.

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Color

Yxy(37.7821, 0.3349, 0.3332)

Conversions

Conversions Part 1

Format	Color
Hex	B5A19E
RGB	181, 161, 158
RGB Percent	71%, 63%, 62%
CMY	0.2901, 0.3686, 0.3804
CMYK	0.00, 0.11, 0.13, 0.29
HSL	8°, 13%, 66%
HSV	8°, 13%, 71%
XYZ	37.9749, 37.7821, 37.6347
YIQ	166.6380, 12.8830, 3.3070

Conversions

Conversions Part 2

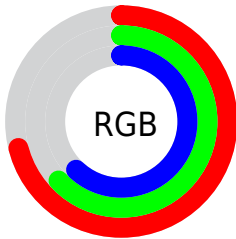
Format	Color
RYB	181, 161, 158
Decimal	11903390
CIELab	67.86, 6.80, 4.23
CIElCh	68, 8.004, 31.877
Yxy	37.7821, 0.3349, 0.3332
Android (android.graphics.Color)	4290093470 (0xFFB5A19E)
YUV	166.6380, -4.2585, 12.5955
Hunter-Lab	61.4671, 2.7111, 6.7253

Details

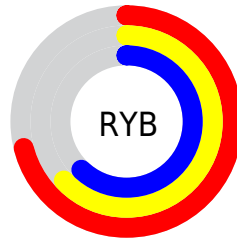
The Yxy color **37.7821, 0.3349, 0.3332** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.4503, 0.2935, 0.3248**, and the grayscale version is **38.4762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9204, 0.3302, 0.3322**, and **16.5880, 0.3417, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **32.0470, 0.3568, 0.3368**, and if you desaturate by 10%, it is **44.3047, 0.3170, 0.3299**.

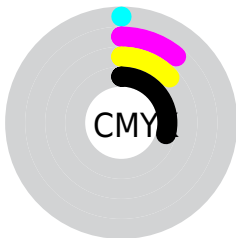
Distribution



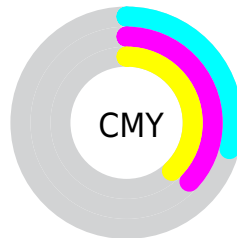
- Red (71%)
- Green (63%)
- Blue (62%)



- Red (71%)
- Yellow (63%)
- Blue (62%)



- Cyan (0%)
- Magenta (11%)
- Yellow (13%)
- Black (29%)





- Cyan (29%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7821, 0.3349, 0.3332 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 37.7821, 0.3349, 0.3332 by changing the saturation by 10% instead.

 37.7821, 0.3349,
0.3332


 37.7821, 0.3349,
0.3332


336.6843, 0.3234,
0.3311

 25.8136, 0.3379,
0.3337


 71.7740, 0.3306,
0.3325

 16.6843, 0.3419,
0.3344


 94.5663, 0.3290,
0.3322

 10.0096, 0.3474,
0.3352


121.7352, 0.3277,
0.3319

 5.4053, 0.3554,
0.3364

153.6652, 0.3266,
0.3317

 2.4870, 0.3683,
0.3380

190.7408, 0.3256,
0.3315

 0.8701, 0.3970,
0.3447


233.3462, 0.3248,


 0.0000, 0.0000,

0.3314

0.0000


281.8659, 0.3240,
0.3313

 37.7821, 0.3349,
0.3332

 37.7821, 0.3349,
0.3332


 32.0470, 0.3568,
0.3368


 44.3047, 0.3170,
0.3299

 27.0648, 0.3834,
0.3404


 51.6377, 0.3023,
0.3268

 22.8056, 0.4153,
0.3439

 59.8096, 0.2903,
0.3240

 19.2357, 0.4527,
0.3470

 68.8457, 0.2803,
0.3215

 16.3187, 0.4946,
0.3490

 78.7704, 0.2721,
0.3192

■ 14.0148, 0.5383,
0.3492

■ 88.5660, 0.2706,
0.3289

■ 12.2798, 0.5792,
0.3471

■ 11.0634, 0.6114,
0.3427

■ 10.4646, 0.6283,
0.3393

Harmonies

Analogous

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



37.7821, 0.3276, 0.3228



37.7821, 0.3349, 0.3332



37.7821, 0.3361, 0.3428

Triad

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



37.7821, 0.3349, 0.3332



37.7821, 0.3087, 0.3446



37.7821, 0.2947, 0.3094

Complementary

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



37.7821, 0.3349, 0.3332



42.4503, 0.2935, 0.3248

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.



37.7821, 0.2899, 0.3147



37.7821, 0.3349, 0.3332



37.7821, 0.2979, 0.3352

Square

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



37.7821, 0.3349, 0.3332



37.7821, 0.3208, 0.3497



37.7821, 0.2910, 0.3241



37.7821, 0.3043, 0.3092

Rectangle

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



37.7821, 0.3349, 0.3332



37.7821, 0.3333, 0.3474



37.7821, 0.2910, 0.3241



37.7821, 0.2925, 0.3106

Sweetspot

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



37.7838, 0.3349, 0.3332



77.6754, 0.3192, 0.3303



37.5046, 0.3166, 0.3017



16.5928, 0.3204, 0.3305



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.



37.7838, 0.3349, 0.3332



64.9254, 0.3400, 0.3341



41.8723, 0.3329, 0.3483



8.6783, 0.3284, 0.3320



7.2720, 0.6268, 0.3405



0.2854, 0.5866, 0.3724

Inverse Universe

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



42.4503, 0.2935, 0.3248



74.7691, 0.2898, 0.3239



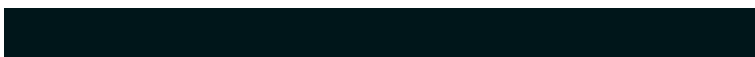
38.1762, 0.2931, 0.3089



9.4384, 0.2986, 0.3259



19.0795, 0.2133, 0.2878



0.6527, 0.2168, 0.3003

Previews

White Background



This preview shows how the Yxy color 37.7821, 0.3349, 0.3332 looks on a white background.

Color Contrast Check

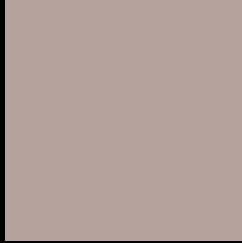
Large Text (above 18pt) WCAG AA × Fail

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 37.7821, 0.3349, 0.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

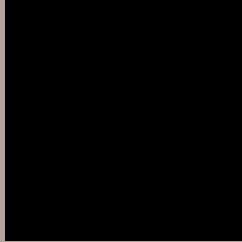
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7821, 0.3349, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 37.7821, 0.3349, 0.3332.



This preview shows how white text looks on a background with the Yxy color 37.7821, 0.3349, 0.3332.

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

37.7821, 0.3349, 0.3332

Protanopia

37.9944, 0.3218, 0.3361

Deuteranopia

37.8006, 0.3380, 0.3318



Tritanopia

37.8038, 0.3250, 0.3129

Trichromacy



Original Color

37.7821, 0.3349, 0.3332

Protanomaly

38.0528, 0.3266, 0.3360

Deuteranomaly

37.6775, 0.3370, 0.3318

Tritanomaly

37.8399, 0.3286, 0.3209

Monochromacy



Original Color

37.7821, 0.3349, 0.3332

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.3613, 0.3202, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7821, 0.3349, 0.3332 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(181, 161, 158)` looks like.

```
.text, #text, p{  
    color:rgb(181, 161, 158)  
}
```

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(181, 161, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 161, 158) }
```

Border

The CSS property to change the border of an element to Yxy 37.7821, 0.3349, 0.3332 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(181, 161, 158) }
```

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

```
.border{ border-color:rgb(181, 161, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 161, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 161, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 161, 158); box-shadow:4px 4px 4px 4px rgb(181, 161, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7821, 0.3349, 0.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 161, 158) }
```

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

```
.background{ background-color: rgb(181,  
161, 158) }
```

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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