

Converting Colors

Yxy(37.9506, 0.3348, 0.3311)

Have a look what the booklet for
Yxy(37.9506, 0.3348, 0.3311)
contains.

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Color

Yxy(37.9380, 0.3349, 0.3318)

Conversions

Conversions Part 1

Format	Color
Hex	B6A19F
RGB	182, 161, 159
RGB Percent	71%, 63%, 62%
CMY	0.2863, 0.3686, 0.3764
CMYK	0.00, 0.12, 0.13, 0.29
HSL	5°, 14%, 67%
HSV	5°, 13%, 71%
XYZ	38.2925, 37.9380, 38.1095
YIQ	167.0510, 13.1580, 3.8300

Conversions

Conversions Part 2

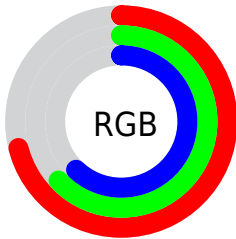
Format	Color
R_{YB}	182, 161, 159
Decimal	11968927
CIE Lab	67.97, 7.32, 3.84
CIE LCh	68, 8.269, 27.654
Yxy	37.9380, 0.3349, 0.3318
Android (android.graphics.Color)	4290159007 (0xFFB6A19F)
YUV	167.0510, -3.9691, 13.1103
Hunter-Lab	61.5938, 3.1830, 6.4316

Details

The Yxy color **37.9380, 0.3349, 0.3318** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.3868, 0.2937, 0.3262**, and the grayscale version is **38.6850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1439, 0.3303, 0.3312**, and **16.6871, 0.3417, 0.3310** is the 20% darker color. If you saturate the color by 10%, you get **31.9265, 0.3571, 0.3342**, and if you desaturate by 10%, it is **44.8176, 0.3169, 0.3296**.

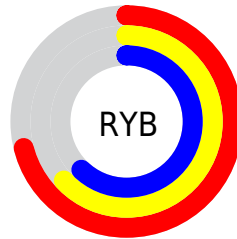
Distribution



Red (71%)

Green (63%)

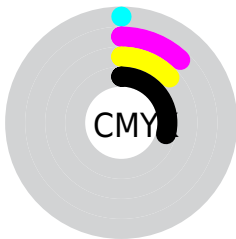
Blue (62%)



Red (71%)

Yellow (63%)

Blue (62%)

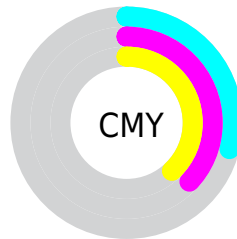


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (29%)



Cyan (29%)


Magenta (37%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9380, 0.3349, 0.3318 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 37.9380, 0.3349, 0.3318 by changing the saturation by 10% instead.

 37.9380, 0.3349,
0.3318


 37.9380, 0.3349,
0.3318


337.3539, 0.3234,
0.3305

 25.9346, 0.3379,
0.3321


 72.0131, 0.3306,
0.3313

 16.7747, 0.3419,
0.3325


 94.8536, 0.3290,
0.3311

 10.0740, 0.3474,
0.3330


122.0752, 0.3277,
0.3310

 5.4480, 0.3554,
0.3337

154.0623, 0.3266,
0.3308

 2.5125, 0.3681,
0.3346

191.1993, 0.3256,
0.3307

 0.8829, 0.3954,
0.3387


233.8707, 0.3248,


 0.0000, 0.0000,


0.3306


0.0000

282.4608, 0.3240,
0.3305

 37.9380, 0.3349,
0.3318


 37.9380, 0.3349,
0.3318


 31.9265, 0.3571,
0.3342


 44.8176, 0.3169,
0.3296


 26.7439, 0.3843,
0.3367


 52.5927, 0.3022,
0.3275

 22.3553, 0.4172,
0.3390

 61.2956, 0.2902,
0.3256

 18.7214, 0.4559,
0.3410

 70.9556, 0.2804,
0.3239

 15.7996, 0.4994,
0.3423

 81.6004, 0.2723,
0.3224

■ 13.5431, 0.5446,
0.3423

■ 88.6835, 0.2711,
0.3289

■ 11.8994, 0.5861,
0.3407

■ 10.8079, 0.6176,
0.3375

■ 10.3089, 0.6333,
0.3353

Harmonies

Analogous

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



37.9380, 0.3267, 0.3212



37.9380, 0.3349, 0.3318



37.9380, 0.3371, 0.3419

Triad

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



37.9380, 0.3349, 0.3318



37.9380, 0.3104, 0.3462



37.9380, 0.2931, 0.3092

Complementary

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



37.9380, 0.3349, 0.3318



43.3868, 0.2937, 0.3262

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.



37.9380, 0.2890, 0.3154



37.9380, 0.3349, 0.3318



37.9380, 0.2988, 0.3369

Square

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



37.9380, 0.3349, 0.3318



37.9380, 0.3227, 0.3506



37.9380, 0.2910, 0.3256



37.9380, 0.3024, 0.3083

Rectangle

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



37.9380, 0.3349, 0.3318



37.9380, 0.3348, 0.3471



37.9380, 0.2910, 0.3256



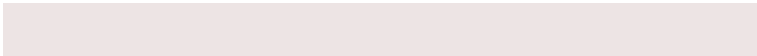
37.9380, 0.2911, 0.3107

Sweetspot

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



37.9397, 0.3349, 0.3318



79.3694, 0.3192, 0.3299



38.0415, 0.3159, 0.3009



17.3142, 0.3205, 0.3300



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



37.9397, 0.3349, 0.3318



65.7801, 0.3403, 0.3324



42.1096, 0.3329, 0.3472



9.1344, 0.3286, 0.3310



7.3246, 0.6322, 0.3362



0.3005, 0.6043, 0.3584

Inverse Universe

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



43.3868, 0.2937, 0.3262



77.4987, 0.2898, 0.3256



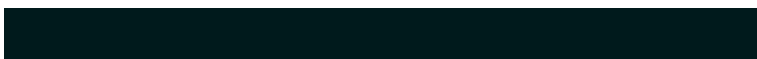
38.9701, 0.2933, 0.3101



10.0734, 0.2985, 0.3269



21.7378, 0.2172, 0.3019



0.8057, 0.2193, 0.3094

Previews

White Background



This preview shows how the Yxy color 37.9380, 0.3349, 0.3318 looks on a white background.

Color Contrast Check

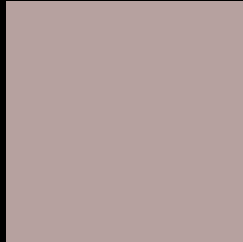
Large Text (above 18pt) WCAG AA × Fail

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 37.9380, 0.3349, 0.3318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

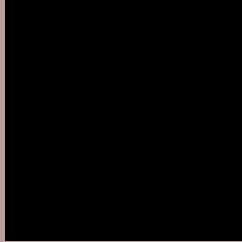
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9380, 0.3349, 0.3318

Background



This preview shows how black text looks on a background with the Yxy color 37.9380, 0.3349, 0.3318.



This preview shows how white text looks on a background with the Yxy color 37.9380, 0.3349, 0.3318.

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

37.9380, 0.3349, 0.3318

Protanopia

38.0295, 0.3209, 0.3347

Deuteranopia

37.8352, 0.3371, 0.3304



Tritanopia

37.9652, 0.3251, 0.3116

Trichromacy



Original Color

37.9380, 0.3349, 0.3318

Protanomaly

38.0877, 0.3257, 0.3346

Deuteranomaly

37.7121, 0.3361, 0.3304

Tritanomaly

37.9989, 0.3286, 0.3196

Monochromacy



Original Color

37.9380, 0.3349, 0.3318

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 37.9380, 0.3349, 0.3318 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(182, 161, 159)` looks like.

```
.text, #text, p{  
    color:rgb(182, 161, 159)  
}
```

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(182, 161, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 161, 159) }
```

Border

The CSS property to change the border of an element to Yxy 37.9380, 0.3349, 0.3318 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(182, 161, 159) }
```

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

```
.border{ border-color:rgb(182, 161, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 161, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 161, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 161, 159);  
box-shadow:4px 4px 4px 4px rgb(182, 161,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9380, 0.3349, 0.3318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 161, 159) }
```

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

```
.background{ background-color: rgb(182,  
161, 159) }
```

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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