

Converting Colors

$Yxy(37.9721, 0.3322, 0.3294)$

Have a look what the booklet for
Yxy(37.9721, 0.3322, 0.3294)
contains.

Yxy(37.8867, 0.3321, 0.3291)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.8867, 0.3321, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	B5A1A1
RGB	181, 161, 161
RGB Percent	71%, 63%, 63%
CMY	0.2902, 0.3686, 0.3687
CMYK	0.00, 0.11, 0.11, 0.29
HSL	0°, 12%, 67%
HSV	0°, 11%, 71%
XYZ	38.2321, 37.8867, 39.0034
YIQ	166.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

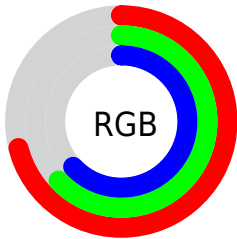
Format	Color
RYB	181, 161, 161
Decimal	11903393
CIELab	67.94, 7.29, 2.68
CIELCh	68, 7.770, 20.170
Yxy	37.8867, 0.3321, 0.3291
Android (android.graphics.Color)	4290093473 (0xFFB5A1A1)
YUV	166.9800, -2.9481, 12.2955
Hunter-Lab	61.5522, 3.1559, 5.5166

Details

The Yxy color $37.8867, 0.3321, 0.3291$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $43.9453, 0.2960, 0.3289$, and the grayscale version is $38.6438, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.0741, 0.3281, 0.3290$, and $16.6523, 0.3376, 0.3272$ is the 20% darker color. If you saturate the color by 10%, you get $31.4292, 0.3542, 0.3292$, and if you desaturate by 10%, it is $45.3527, 0.3144, 0.3290$.

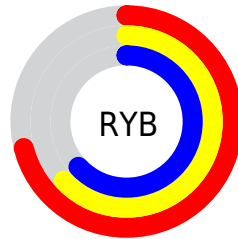
Distribution



Red (71%)

Green (63%)

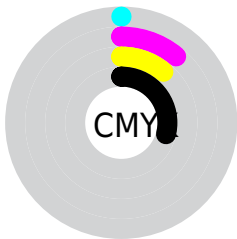
Blue (63%)



Red (71%)

Yellow (63%)

Blue (63%)

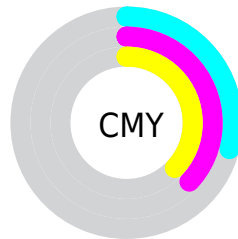


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (29%)



Cyan (29%)


Magenta (37%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8867, 0.3321, 0.3291 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 37.8867, 0.3321, 0.3291 by changing the saturation by 10% instead.


 37.8867, 0.3321,
0.3291


 37.8867, 0.3321,
0.3291


337.1337, 0.3220,
0.3291

 25.8948, 0.3347,
0.3291


 71.9344, 0.3283,
0.3291

 16.7449, 0.3382,
0.3290


 94.7590, 0.3270,
0.3291

 10.0528, 0.3430,
0.3289


121.9633, 0.3258,
0.3291

 5.4340, 0.3500,
0.3287

153.9317, 0.3248,
0.3291

 2.5041, 0.3611,
0.3283

191.0485, 0.3240,
0.3291

 0.8787, 0.3835,
0.3287


233.6982, 0.3233,

 0.0000, 0.0000,


0.3291

0.0000


282.2651, 0.3226,
0.3291

 37.8867, 0.3321,
0.3291


 37.8867, 0.3321,
0.3291

 31.4292, 0.3542,
0.3292

 45.3527, 0.3144,
0.3290


 25.9323, 0.3818,
0.3293

 53.8625, 0.3002,
0.3289


 21.3516, 0.4156,
0.3295

 63.4559, 0.2887,
0.3289

 17.6374, 0.4559,
0.3296

 74.1691, 0.2795,
0.3288

 14.7350, 0.5015,
0.3298

 86.0367, 0.2719,
0.3288

■ 12.5839, 0.5490,
0.3299

■ 88.5639, 0.2706,
0.3289

■ 11.1148, 0.5919,
0.3300

■ 10.2458, 0.6231,
0.3300

■ 9.8304, 0.6400,
0.3301

Harmonies

Analogous

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



37.8867, 0.3232, 0.3194



37.8867, 0.3321, 0.3291



37.8867, 0.3357, 0.3390

Triad

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



37.8867, 0.3321, 0.3291



37.8867, 0.3135, 0.3467



37.8867, 0.2928, 0.3114

Complementary

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



37.8867, 0.3321, 0.3291



43.9453, 0.2960, 0.3289

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.



37.8867, 0.2903, 0.3184



37.8867, 0.3321, 0.3291



37.8867, 0.3021, 0.3389

Square

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



37.8867, 0.3321, 0.3291



37.8867, 0.3248, 0.3494



37.8867, 0.2937, 0.3285



37.8867, 0.3005, 0.3093

Rectangle

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



37.8867, 0.3321, 0.3291



37.8867, 0.3346, 0.3444



37.8867, 0.2937, 0.3285



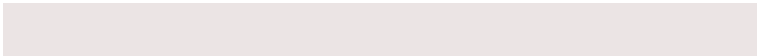
37.8867, 0.2913, 0.3133

Sweetspot

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



37.8884, 0.3321, 0.3291



78.4238, 0.3176, 0.3290



38.6407, 0.3140, 0.3023



16.7109, 0.3189, 0.3290



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.



37.8884, 0.3321, 0.3291



65.2170, 0.3365, 0.3291



41.5172, 0.3305, 0.3426



8.5075, 0.3287, 0.3291



6.7778, 0.6399, 0.3301



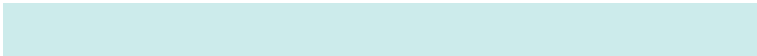
0.2140, 0.6393, 0.3306

Inverse Universe

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



43.9453, 0.2960, 0.3289



77.9858, 0.2929, 0.3289



40.0317, 0.2958, 0.3150



9.6291, 0.2986, 0.3289



24.9993, 0.2245, 0.3282



0.7874, 0.2246, 0.3284

Previews

White Background



This preview shows how the Yxy color 37.8867, 0.3321, 0.3291 looks on a white background.

Color Contrast Check

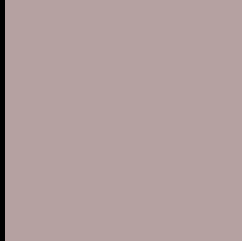
Large Text (above 18pt) WCAG AA × Fail

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 37.8867, 0.3321, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

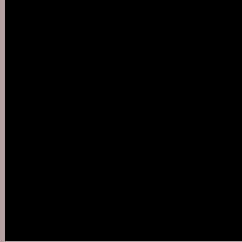
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8867, 0.3321, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 37.8867, 0.3321, 0.3291.



This preview shows how white text looks on a background with the Yxy color 37.8867, 0.3321, 0.3291.

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

37.8867, 0.3321, 0.3291

Protanopia

37.9896, 0.3182, 0.3318

Deuteranopia

37.7821, 0.3342, 0.3277



Tritanopia

37.7199, 0.3232, 0.3115

Trichromacy



Original Color

37.8867, 0.3321, 0.3291

Protanomaly

38.0438, 0.3230, 0.3318

Deuteranomaly

37.6599, 0.3332, 0.3277

Tritanomaly

37.9138, 0.3267, 0.3182

Monochromacy



Original Color

37.8867, 0.3321, 0.3291

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.3975, 0.3193, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8867, 0.3321, 0.3291 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, 161)` looks like.

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

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, 161) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 37.8867, 0.3321, 0.3291 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, 161) }
```

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

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

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, 161)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 37.8867, 0.3321, 0.3291 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, 161) }
```

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor