

Converting Colors

$Yxy(37.9823, 0.3609, 0.3914)$

Have a look what the booklet for
Yxy(37.9823, 0.3609, 0.3914)
contains.

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Color

Yxy(37.7915, 0.3609, 0.3917)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AFA67A |
| RGB | 175, 166, 122 |
| RGB Percent | 69%, 65%, 48% |
| CMY | 0.3139, 0.3489, 0.5216 |
| CMYK | 0.00, 0.05, 0.30, 0.31 |
| HSL | 50°, 25%, 58% |
| HSV | 50°, 30%, 69% |
| XYZ | 34.8199, 37.7915, 23.8693 |
| YIQ | 163.6750, 19.4880, -11.7760 |

Conversions

Conversions Part 2

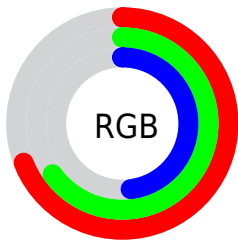
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 133, 175, 122 |
| Decimal | 11511418 |
| CIELab | 67.87, -3.73, 24.00 |
| CIELCh | 68, 24.292, 98.827 |
| Yxy | 37.7915, 0.3609, 0.3917 |
| Android (android.graphics.Color) | 4289701498 (0xFFAFA67A) |
| YUV | 163.6750, -20.5458, 9.9320 |
| Hunter-Lab | 61.4748, -6.4768, 20.0113 |

Details

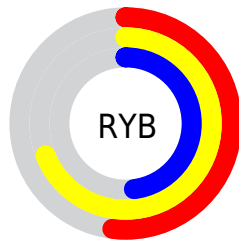
The Yxy color **37.7915, 0.3609, 0.3917** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.4433, 0.2619, 0.2573**, and the grayscale version is **37.0522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7970, 0.3516, 0.3794**, and **16.6532, 0.3754, 0.4100** is the 20% darker color. If you saturate the color by 10%, you get **36.3371, 0.3779, 0.4123**, and if you desaturate by 10%, it is **39.3520, 0.3442, 0.3706**.

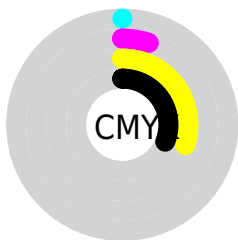
Distribution



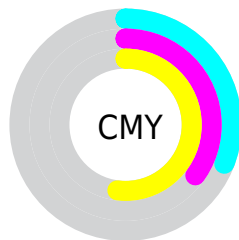
- Red (69%)
- Green (65%)
- Blue (48%)



- Red (52%)
- Yellow (69%)
- Blue (48%)



- Cyan (0%)
- Magenta (5%)
- Yellow (30%)
- Black (31%)





- Cyan (31%)
- Magenta (35%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7915, 0.3609, 0.3917 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 37.7915, 0.3609, 0.3917 by changing the saturation by 10% instead.


 37.7915, 0.3609,
0.3917


 37.7915, 0.3609,
0.3917


336.7247, 0.3363,
0.3592


 25.8209, 0.3671,
0.4001


 71.7884, 0.3519,
0.3797

 16.6897, 0.3750,
0.4110

 94.5836, 0.3486,
0.3752

 10.0135, 0.3854,
0.4256


 121.7557, 0.3457,
0.3715

 5.4079, 0.3994,
0.4461

153.6892, 0.3433,
0.3683

 2.4885, 0.4248,
0.4830

190.7684, 0.3412,
0.3655

 0.8709, 0.4583,
0.5417

233.3779, 0.3394,

 0.0000, 0.0000,

0.3631

0.0000

281.9018, 0.3378,
0.3610

■ 37.7915, 0.3609,
0.3917

■ 37.7915, 0.3609,
0.3917

■ 36.3371, 0.3779,
0.4123

■ 39.3520, 0.3442,
0.3706

■ 34.9794, 0.3946,
0.4316

■ 41.0175, 0.3282,
0.3497

■ 33.7152, 0.4104,
0.4486

■ 42.7935, 0.3131,
0.3295

■ 32.5394, 0.4246,
0.4624

■ 44.6836, 0.2992,
0.3104

■ 31.4460, 0.4365,
0.4721

■ 46.6912, 0.2864,
0.2925

■ 30.4279, 0.4457,
0.4773

■ 48.8194, 0.2747,
0.2759

■ 29.4953, 0.4524,
0.4790

■ 51.0713, 0.2642,
0.2607

■ 52.9937, 0.2586,
0.2535

■ 54.2817, 0.2590,
0.2570

Harmonies

Analogous

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



37.7915, 0.3819, 0.3739



37.7915, 0.3609, 0.3917



37.7915, 0.3276, 0.3921

Triad

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



37.7915, 0.3609, 0.3917



37.7915, 0.2467, 0.3049



37.7915, 0.3316, 0.2907

Complementary

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



37.7915, 0.3609, 0.3917



23.4433, 0.2619, 0.2573

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.



37.7915, 0.2947, 0.2739



37.7915, 0.3609, 0.3917



37.7915, 0.2475, 0.2803

Square

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



37.7915, 0.3609, 0.3917



37.7915, 0.2623, 0.3391



37.7915, 0.2645, 0.2698



37.7915, 0.3648, 0.3165

Rectangle

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



37.7915, 0.3609, 0.3917



37.7915, 0.3032, 0.3810



37.7915, 0.2645, 0.2698



37.7915, 0.3191, 0.2839

Sweetspot

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



37.7932, 0.3609, 0.3917



73.8501, 0.3264, 0.3474



24.6840, 0.3669, 0.3147



16.3156, 0.3287, 0.3504



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



37.7932, 0.3609, 0.3917



66.0488, 0.3717, 0.4049



39.3339, 0.3414, 0.4073



9.0968, 0.3267, 0.3477



21.2130, 0.4520, 0.4793



0.6500, 0.4406, 0.4884

Inverse Universe

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



23.4433, 0.2619, 0.2573



36.3915, 0.2498, 0.2394



22.4797, 0.2771, 0.2462



7.9674, 0.2986, 0.3096



2.9279, 0.1547, 0.0768



0.1457, 0.1680, 0.1248

Previews

White Background



This preview shows how the Yxy color 37.7915, 0.3609, 0.3917 looks on a white background.

Color Contrast Check

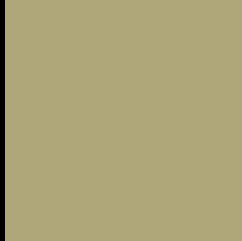
Large Text (above 18pt) WCAG AA × Fail

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 37.7915, 0.3609, 0.3917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

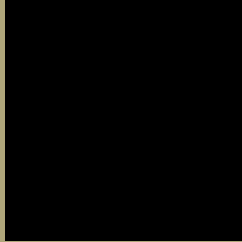
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7915, 0.3609, 0.3917

Background



This preview shows how black text looks on a background with the Yxy color 37.7915, 0.3609, 0.3917.



This preview shows how white text looks on a background with the Yxy color 37.7915, 0.3609, 0.3917.

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

37.7915, 0.3609, 0.3917

Protanopia

37.7804, 0.3644, 0.3897

Deuteranopia

37.8536, 0.3826, 0.3758



Tritanopia

37.5986, 0.3222, 0.3114

Trichromacy



Original Color

37.7915, 0.3609, 0.3917

Protanomaly

37.6625, 0.3634, 0.3899

Deuteranomaly

37.9621, 0.3750, 0.3823

Tritanomaly

37.7575, 0.3365, 0.3402

Monochromacy



Original Color

37.7915, 0.3609, 0.3917

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.4050, 0.3297, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7915, 0.3609, 0.3917 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(175, 166, 122)` looks like.

```
.text, #text, p{  
    color:rgb(175, 166, 122)  
}
```

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(175, 166, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 166, 122) }
```

Border

The CSS property to change the border of an element to Yxy 37.7915, 0.3609, 0.3917 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(175, 166, 122) }
```

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

```
.border{ border-color:rgb(175, 166, 122) }
```

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

Here you see how a box with a 4 pixel rgb(175, 166, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 166, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 166, 122);  
box-shadow:4px 4px 4px 4px rgb(175, 166,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7915, 0.3609, 0.3917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 166, 122) }
```

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

```
.background{ background-color: rgb(175,  
166, 122) }
```

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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