

Converting Colors

$Yxy(37.4464, 0.3404, 0.3291)$

Have a look what the booklet for
Yxy(37.4464, 0.3404, 0.3291)
contains.

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Color

Yxy(37.3614, 0.3404, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	BA9E9E
RGB	186, 158, 158
RGB Percent	73%, 62%, 62%
CMY	0.2707, 0.3803, 0.3804
CMYK	0.00, 0.15, 0.15, 0.27
HSL	0°, 17%, 67%
HSV	0°, 15%, 73%
XYZ	38.6442, 37.3614, 37.5203
YIQ	166.3720, 16.6880, 5.9360

Conversions

Conversions Part 2

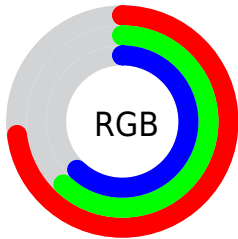
Format	Color
RYB	186, 158, 158
Decimal	12230302
CIELab	67.55, 10.29, 3.83
CIELCh	68, 10.984, 20.410
Yxy	37.3614, 0.3404, 0.3291
Android (android.graphics.Color)	4290420382 (0xFFBA9E9E)
YUV	166.3720, -4.1274, 17.2138
Hunter-Lab	61.1240, 5.8856, 6.3922

Details

The Yxy color **37.3614, 0.3404, 0.3291** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.9164, 0.2902, 0.3289**, and the grayscale version is **38.3368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2698, 0.3344, 0.3291**, and **16.5635, 0.3494, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **30.9008, 0.3646, 0.3292**, and if you desaturate by 10%, it is **44.8813, 0.3210, 0.3290**.

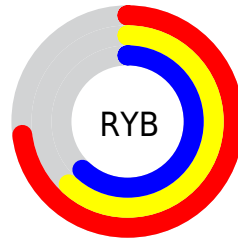
Distribution



Red (73%)

Green (62%)

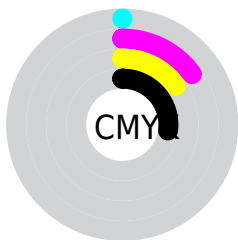
Blue (62%)



Red (73%)

Yellow (62%)

Blue (62%)

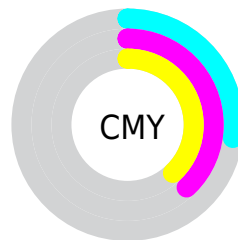


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3614, 0.3404, 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 37.3614, 0.3404, 0.3291 by changing the saturation by 10% instead.


 37.3614, 0.3404,
0.3291

 37.3614, 0.3404,
0.3291


334.8725, 0.3260,
0.3292

 25.4874, 0.3442,
0.3290


 71.1283, 0.3350,
0.3292

 16.4406, 0.3492,
0.3289


 93.7900, 0.3330,
0.3292

 9.8365, 0.3561,
0.3287


120.8163, 0.3314,
0.3292

 5.2907, 0.3662,
0.3283

152.5918, 0.3300,
0.3292

 2.4188, 0.3824,
0.3274

189.5008, 0.3288,
0.3292

 0.8355, 0.4183,
0.3290


231.9276, 0.3277,

 0.0000, 0.0000,

0.3292

0.0000


280.2568, 0.3268,
0.3292


 37.3614, 0.3404,
0.3291


 37.3614, 0.3404,
0.3291


 30.9008, 0.3646,
0.3292

 44.8813, 0.3210,
0.3290


 25.4474, 0.3947,
0.3293


 53.4999, 0.3055,
0.3290

 20.9518, 0.4313,
0.3294

 63.2606, 0.2930,
0.3289

 17.3588, 0.4741,
0.3296

 74.2029, 0.2829,
0.3289

 14.6075, 0.5212,
0.3297

 86.3645, 0.2747,
0.3288

■ 12.6294, 0.5678,
0.3298

■ 89.1767, 0.2731,
0.3289

■ 11.3453, 0.6068,
0.3299

■ 10.6590, 0.6314,
0.3300

■ 10.4390, 0.6400,
0.3300

Harmonies

Analogous

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



37.3614, 0.3277, 0.3155



37.3614, 0.3404, 0.3291



37.3614, 0.3455, 0.3431

Triad

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



37.3614, 0.3404, 0.3291



37.3614, 0.3135, 0.3543



37.3614, 0.2846, 0.3040

Complementary

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



37.3614, 0.3404, 0.3291



45.9164, 0.2902, 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.



37.3614, 0.2811, 0.3136



37.3614, 0.3404, 0.3291



37.3614, 0.2975, 0.3430

Square

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



37.3614, 0.3404, 0.3291



37.3614, 0.3297, 0.3581



37.3614, 0.2857, 0.3279



37.3614, 0.2955, 0.3012

Rectangle

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



37.3614, 0.3404, 0.3291



37.3614, 0.3438, 0.3508



37.3614, 0.2857, 0.3279



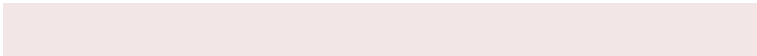
37.3614, 0.2825, 0.3065

Sweetspot

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



37.3631, 0.3404, 0.3291



81.3164, 0.3210, 0.3290



38.4336, 0.3144, 0.2924



17.6811, 0.3223, 0.3290



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



37.3631, 0.3404, 0.3291



63.7234, 0.3477, 0.3291



42.4060, 0.3376, 0.3478



9.0130, 0.3288, 0.3291



7.0250, 0.6400, 0.3300



0.2479, 0.6398, 0.3302

Inverse Universe

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



45.9164, 0.2902, 0.3289



82.1581, 0.2856, 0.3289



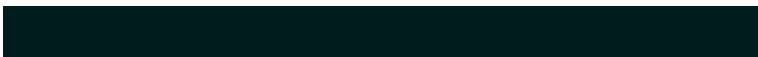
40.3139, 0.2895, 0.3095



10.2098, 0.2985, 0.3289



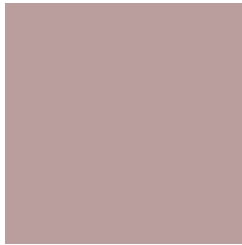
25.9823, 0.2246, 0.3286



0.9162, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 37.3614, 0.3404, 0.3291 looks on a white background.

Color Contrast Check

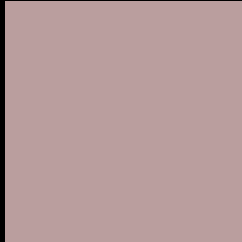
Large Text (above 18pt) WCAG AA × Fail

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 37.3614, 0.3404, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

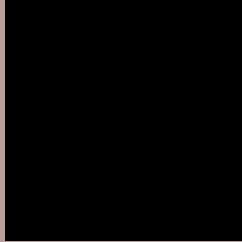
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3614, 0.3404, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 37.3614, 0.3404, 0.3291.



This preview shows how white text looks on a background with the Yxy color 37.3614, 0.3404, 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

37.3614, 0.3404, 0.3291

Protanopia

37.4490, 0.3191, 0.3333

Deuteranopia

37.3322, 0.3372, 0.3304



Tritanopia

37.2063, 0.3312, 0.3117

Trichromacy



Original Color

37.3614, 0.3404, 0.3291

Protanomaly

37.4927, 0.3270, 0.3318

Deuteranomaly

37.4552, 0.3382, 0.3304

Tritanomaly

37.3953, 0.3349, 0.3183

Monochromacy



Original Color

37.3614, 0.3404, 0.3291

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.7230, 0.3222, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3614, 0.3404, 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(186, 158, 158)` looks like.

```
.text, #text, p{  
    color:rgb(186, 158, 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(186, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 158, 158) }
```

Border

The CSS property to change the border of an element to Yxy 37.3614, 0.3404, 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(186, 158, 158) }
```

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

```
.border{ border-color:rgb(186, 158, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 158, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 158, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 158, 158);  
box-shadow:4px 4px 4px 4px rgb(186, 158,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3614, 0.3404, 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(186, 158, 158) }
```

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

```
.background{ background-color: rgb(186,  
158, 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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