

Converting Colors

$Yxy(37.9082, 0.3440, 0.3291)$

Have a look what the booklet for
Yxy(37.9082, 0.3440, 0.3291)
contains.

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Color

Yxy(37.8695, 0.3444, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	BE9E9E
RGB	190, 158, 158
RGB Percent	75%, 62%, 62%
CMY	0.2550, 0.3803, 0.3804
CMYK	0.00, 0.17, 0.17, 0.25
HSL	0°, 20%, 68%
HSV	0°, 17%, 75%
XYZ	39.6301, 37.8695, 37.5703
YIQ	167.5680, 19.0720, 6.7840

Conversions

Conversions Part 2

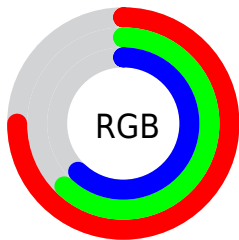
Format	Color
RYB	190, 158, 158
Decimal	12492446
CIELab	67.92, 11.79, 4.42
CIELCh	68, 12.594, 20.539
Yxy	37.8695, 0.3444, 0.3291
Android (android.graphics.Color)	4290682526 (0xFFBE9E9E)
YUV	167.5680, -4.7170, 19.6729
Hunter-Lab	61.5382, 7.2606, 6.8790

Details

The Yxy color **37.8695, 0.3444, 0.3291** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.8016, 0.2876, 0.3289**, and the grayscale version is **38.9519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1668, 0.3382, 0.3291**, and **16.8112, 0.3537, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **31.2794, 0.3697, 0.3292**, and if you desaturate by 10%, it is **45.5656, 0.3242, 0.3290**.

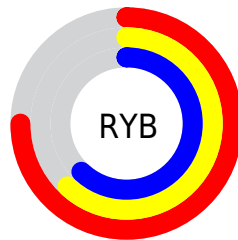
Distribution



Red (75%)

Green (62%)

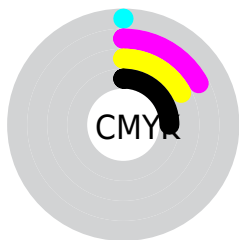
Blue (62%)



Red (75%)

Yellow (62%)

Blue (62%)

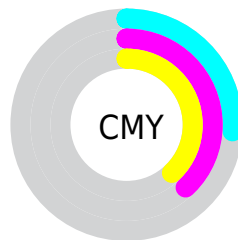


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (25%)



Cyan (26%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8695, 0.3444, 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 37.8695, 0.3444, 0.3291 by changing the saturation by 10% instead.


 37.8695, 0.3444,
0.3291

 37.8695, 0.3444,
0.3291


337.0598, 0.3279,
0.3292

 25.8814, 0.3487,
0.3290


 71.9081, 0.3383,
0.3292

 16.7350, 0.3544,
0.3289


 94.7274, 0.3360,
0.3292

 10.0457, 0.3623,
0.3286


121.9258, 0.3341,
0.3292

 5.4293, 0.3737,
0.3280

153.8879, 0.3325,
0.3292

 2.5013, 0.3920,
0.3268

190.9979, 0.3311,
0.3292

 0.8773, 0.4310,
0.3277

233.6403, 0.3299,

 0.0000, 1.0000,

0.3292

0.0000

282.1995, 0.3289,
0.3292

0.0000, 0.0000,
0.0000

37.8695, 0.3444,
0.3291

37.8695, 0.3444,
0.3291

31.2794, 0.3697,
0.3292

45.5656, 0.3242,
0.3290

25.7397, 0.4009,
0.3293

54.4099, 0.3080,
0.3290

21.1977, 0.4388,
0.3294

64.4484, 0.2950,
0.3289

17.5941, 0.4827,
0.3295

75.7233, 0.2845,
0.3289

14.8634, 0.5303,
0.3297

88.2748, 0.2760,
0.3289

■ 12.9316, 0.5761,
0.3298

■ 89.6846, 0.2752,
0.3289

■ 11.7125, 0.6128,
0.3299

■ 11.0894, 0.6346,
0.3300

■ 10.9455, 0.6401,
0.3300

Harmonies

Analogous

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



37.8695, 0.3299, 0.3137



37.8695, 0.3444, 0.3291



37.8695, 0.3501, 0.3450

Triad

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



37.8695, 0.3444, 0.3291



37.8695, 0.3135, 0.3579



37.8695, 0.2807, 0.3005

Complementary

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



37.8695, 0.3444, 0.3291



47.8016, 0.2876, 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.



37.8695, 0.2767, 0.3113



37.8695, 0.3444, 0.3291



37.8695, 0.2953, 0.3450

Square

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



37.8695, 0.3444, 0.3291



37.8695, 0.3319, 0.3623



37.8695, 0.2819, 0.3276



37.8695, 0.2931, 0.2973

Rectangle

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



37.8695, 0.3444, 0.3291



37.8695, 0.3482, 0.3538



37.8695, 0.2819, 0.3276



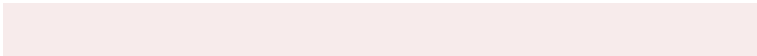
37.8695, 0.2783, 0.3033

Sweetspot

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



37.8712, 0.3444, 0.3291



85.2432, 0.3211, 0.3290



39.1168, 0.3146, 0.2879



18.4800, 0.3223, 0.3290



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



37.8712, 0.3444, 0.3291



64.2478, 0.3526, 0.3291



43.6826, 0.3410, 0.3501



9.5367, 0.3288, 0.3291



7.2800, 0.6401, 0.3300



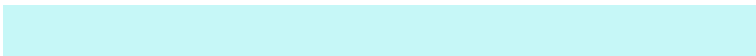
0.2853, 0.6400, 0.3300

Inverse Universe

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



47.8016, 0.2876, 0.3289



85.4556, 0.2827, 0.3289



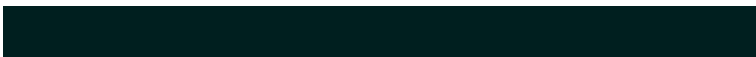
41.2557, 0.2866, 0.3069



10.8092, 0.2985, 0.3290



26.9480, 0.2246, 0.3287



1.0557, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 37.8695, 0.3444, 0.3291 looks on a white background.

Color Contrast Check

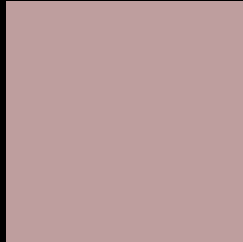
Large Text (above 18pt) WCAG AA × Fail

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 37.8695, 0.3444, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

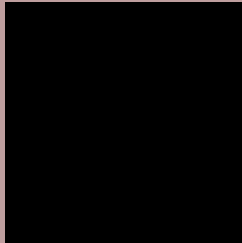
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8695, 0.3444, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 37.8695, 0.3444, 0.3291.



This preview shows how white text looks on a background with the Yxy color 37.8695, 0.3444, 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

37.8695, 0.3444, 0.3291

Protanopia

37.9539, 0.3191, 0.3333

Deuteranopia

37.9245, 0.3390, 0.3318



Tritanopia

37.7179, 0.3352, 0.3119

Trichromacy



Original Color

37.8695, 0.3444, 0.3291

Protanomaly

37.7610, 0.3280, 0.3304

Deuteranomaly

37.8297, 0.3412, 0.3304

Tritanomaly

37.9069, 0.3389, 0.3185

Monochromacy



Original Color

37.8695, 0.3444, 0.3291

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.4614, 0.3241, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8695, 0.3444, 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(190, 158, 158)` looks like.

```
.text, #text, p{  
    color:rgb(190, 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(190, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 158, 158) }
```

Border

The CSS property to change the border of an element to Yxy 37.8695, 0.3444, 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(190, 158, 158) }
```

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

```
.border{ border-color:rgb(190, 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(190, 158, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 158, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 158, 158);  
box-shadow:4px 4px 4px 4px rgb(190, 158,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8695, 0.3444, 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(190, 158, 158) }
```

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

```
.background{ background-color: rgb(190,  
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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