

Converting Colors

$Yxy(37.7871, 0.3472, 0.3199)$

Have a look what the booklet for
Yxy(37.7871, 0.3472, 0.3199)
contains.

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Color

Yxy(37.7871, 0.3472, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	C49BA2
RGB	196, 155, 162
RGB Percent	77%, 61%, 64%
CMY	0.2313, 0.3922, 0.3646
CMYK	0.00, 0.21, 0.17, 0.23
HSL	350°, 26%, 69%
HSV	350°, 21%, 77%
XYZ	41.0118, 37.7871, 39.3227
YIQ	168.0570, 22.1890, 10.8690

Conversions

Conversions Part 2

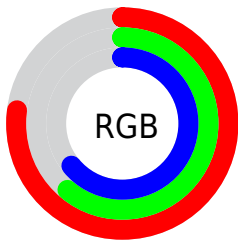
Format	Color
R _Y B	196, 155, 162
Decimal	12884898
CIE Lab	67.86, 16.35, 2.17
CIE LCh	68, 16.490, 7.546
Yxy	37.7871, 0.3472, 0.3199
Android (android.graphics.Color)	4291074978 (0xFFC49BA2)
YUV	168.0570, -2.9861, 24.5060
Hunter-Lab	61.4712, 11.5154, 5.1025

Details

The Yxy color **37.7871, 0.3472, 0.3199** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.1285, 0.2865, 0.3384**, and the grayscale version is **39.1959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9856, 0.3403, 0.3219**, and **16.7772, 0.3591, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **31.2446, 0.3699, 0.3153**, and if you desaturate by 10%, it is **45.4667, 0.3288, 0.3244**.

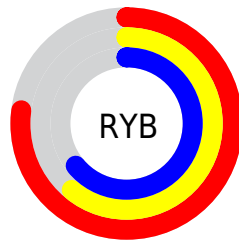
Distribution



Red (77%)

Green (61%)

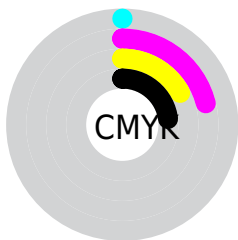
Blue (64%)



Red (77%)

Yellow (61%)

Blue (64%)

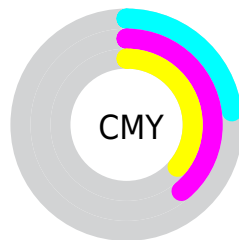


Cyan (0%)

Magenta (21%)

Yellow (17%)

Black (23%)



Cyan (23%)


Magenta (39%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7871, 0.3472, 0.3199 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 37.7871, 0.3472, 0.3199 by changing the saturation by 10% instead.


 37.7871, 0.3472,
0.3199


 37.7871, 0.3472,
0.3199


336.7058, 0.3293,
0.3247

 25.8175, 0.3519,
0.3186


 71.7817, 0.3405,
0.3217

 16.6872, 0.3581,
0.3169


 94.5755, 0.3381,
0.3224

 10.0117, 0.3666,
0.3145


121.7461, 0.3360,
0.3229

 5.4067, 0.3789,
0.3109

153.6780, 0.3343,
0.3234

 2.4878, 0.3986,
0.3050

190.7555, 0.3328,
0.3238

 0.8705, 0.4359,
0.2946

233.3630, 0.3315,

 0.0000, 1.0000,

0.3242

0.0000

281.8850, 0.3303,
0.3245

0.0000, 0.0000,
0.0000

37.7871, 0.3472,
0.3199

37.7871, 0.3472,
0.3199

31.2446, 0.3699,
0.3153

45.4667, 0.3288,
0.3244

25.7802, 0.3976,
0.3108

54.3285, 0.3139,
0.3286

21.3373, 0.4309,
0.3068

64.4215, 0.3019,
0.3325

17.8522, 0.4693,
0.3040

75.7903, 0.2922,
0.3361

15.2539, 0.5112,
0.3033

88.4773, 0.2842,
0.3393

■ 13.4615, 0.5530,
0.3053

■ 90.4777, 0.2784,
0.3289

■ 12.3793, 0.5898,
0.3104

■ 11.8506, 0.6154,
0.3164

Harmonies

Analogous

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



37.7871, 0.3247, 0.3018



37.7871, 0.3472, 0.3199



37.7871, 0.3603, 0.3408

Triad

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



37.7871, 0.3472, 0.3199



37.7871, 0.3243, 0.3714



37.7871, 0.2674, 0.2965

Complementary

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



37.7871, 0.3472, 0.3199



50.1285, 0.2865, 0.3384

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.



37.7871, 0.2674, 0.3142



37.7871, 0.3472, 0.3199



37.7871, 0.2996, 0.3587

Square

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



37.7871, 0.3472, 0.3199



37.7871, 0.3466, 0.3713



37.7871, 0.2789, 0.3372



37.7871, 0.2789, 0.2883

Rectangle

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



37.7871, 0.3472, 0.3199



37.7871, 0.3617, 0.3539



37.7871, 0.2789, 0.3372



37.7871, 0.2660, 0.3015

Sweetspot

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



37.7888, 0.3472, 0.3199



89.8337, 0.3212, 0.3265



38.1823, 0.3081, 0.2765



19.0018, 0.3222, 0.3262



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



37.7888, 0.3472, 0.3199



62.9027, 0.3568, 0.3178



42.1043, 0.3508, 0.3460



10.1054, 0.3263, 0.3251



7.6222, 0.6126, 0.3148



0.3382, 0.5551, 0.2831

Inverse Universe

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



37.7888, 0.3472, 0.3199



62.9027, 0.3568, 0.3178



44.8321, 0.2807, 0.3113



10.1054, 0.3263, 0.3251



7.6222, 0.6126, 0.3148



0.3382, 0.5551, 0.2831

Previews

White Background



This preview shows how the Yxy color 37.7871, 0.3472, 0.3199 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 37.7871, 0.3472, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

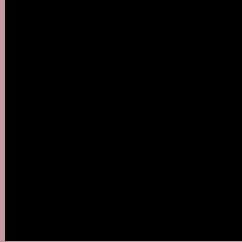
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7871, 0.3472, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 37.7871, 0.3472, 0.3199.



This preview shows how white text looks on a background with the Yxy color 37.7871, 0.3472, 0.3199.

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

37.7871, 0.3472, 0.3199

Protanopia

38.0623, 0.3129, 0.3248

Deuteranopia

37.7821, 0.3342, 0.3277



Tritanopia

37.7347, 0.3445, 0.3135

Trichromacy



Original Color

37.7871, 0.3472, 0.3199

Protanomaly

37.7079, 0.3245, 0.3222

Deuteranomaly

37.7183, 0.3395, 0.3250

Tritanomaly

37.6981, 0.3455, 0.3148

Monochromacy



Original Color

37.7871, 0.3472, 0.3199

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.4125, 0.3243, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7871, 0.3472, 0.3199 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(196, 155, 162)` looks like.

```
.text, #text, p{  
    color:rgb(196, 155, 162)  
}
```

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(196, 155, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 155, 162) }
```

Border

The CSS property to change the border of an element to Yxy 37.7871, 0.3472, 0.3199 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(196, 155, 162) }
```

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

```
.border{ border-color:rgb(196, 155, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 155, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 155, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 155, 162);  
box-shadow:4px 4px 4px 4px rgb(196, 155,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7871, 0.3472, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 155, 162) }
```

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

```
.background{ background-color: rgb(196,  
155, 162) }
```

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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