

Converting Colors

$Yxy(37.7786, 0.3296, 0.3016)$

Have a look what the booklet for
Yxy(37.7786, 0.3296, 0.3016)
contains.

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Color

Yxy(37.7837, 0.3297, 0.3016)

Conversions

Conversions Part 1

Format	Color
Hex	C09BB0
RGB	192, 155, 176
RGB Percent	75%, 61%, 69%
CMY	0.2469, 0.3922, 0.3098
CMYK	0.00, 0.19, 0.08, 0.25
HSL	326°, 23%, 68%
HSV	326°, 19%, 75%
XYZ	41.3040, 37.7837, 46.1898
YIQ	168.4570, 15.3110, 14.3750

Conversions

Conversions Part 2

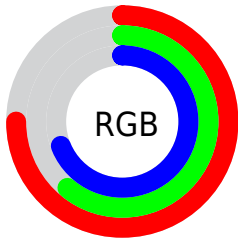
Format	Color
RYB	192, 155, 176
Decimal	12622768
CIELab	67.86, 17.25, -5.69
CIElCh	68, 18.167, 341.751
Yxy	37.7837, 0.3297, 0.3016
Android (android.graphics.Color)	4290812848 (0xFFC09BB0)
YUV	168.4570, 3.7187, 20.6472
Hunter-Lab	61.4684, 12.3741, -1.5249

Details

The Yxy color **37.7837, 0.3297, 0.3016** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.6273, 0.2987, 0.3581**, and the grayscale version is **39.3723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0591, 0.3264, 0.3067**, and **16.7591, 0.3338, 0.2934** is the 20% darker color. If you saturate the color by 10%, you get **31.5750, 0.3410, 0.2867**, and if you desaturate by 10%, it is **45.0325, 0.3202, 0.3161**.

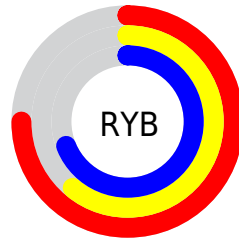
Distribution



Red (75%)

Green (61%)

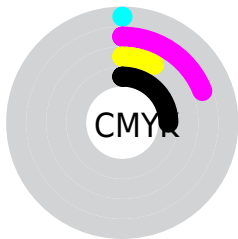
Blue (69%)



Red (75%)

Yellow (61%)

Blue (69%)

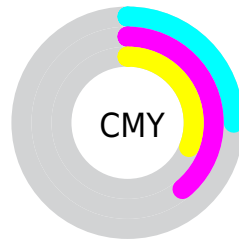


Cyan (0%)

Magenta (19%)

Yellow (8%)

Black (25%)



Cyan (25%)


Magenta (39%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7837, 0.3297, 0.3016 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 37.7837, 0.3297, 0.3016 by changing the saturation by 10% instead.


 37.7837, 0.3297,
0.3016


 37.7837, 0.3297,
0.3016


336.6912, 0.3211,
0.3155

 25.8149, 0.3319,
0.2981


 71.7765, 0.3265,
0.3067

 16.6852, 0.3348,
0.2935

 94.5692, 0.3253,
0.3086

 10.0103, 0.3387,
0.2874


121.7387, 0.3243,
0.3102

 5.4058, 0.3442,
0.2787

153.6693, 0.3235,
0.3116

 2.4873, 0.3527,
0.2654

190.7455, 0.3228,
0.3127

 0.8702, 0.3674,
0.2427

233.3516, 0.3221,

 0.0000, 0.5836,

0.3138

0.0000

281.8720, 0.3216,
0.3147

■ 0.0000, 0.0000,
0.0000

■ 37.7837, 0.3297,
0.3016

■ 37.7837, 0.3297,
0.3016

■ 31.5750, 0.3410,
0.2867

■ 45.0325, 0.3202,
0.3161

■ 26.3530, 0.3543,
0.2718

■ 53.3614, 0.3122,
0.3299

■ 22.0671, 0.3697,
0.2578

■ 62.8145, 0.3056,
0.3429

■ 18.6605, 0.3871,
0.2455

■ 73.4321, 0.3001,
0.3549

■ 16.0698, 0.4061,
0.2361

■ 85.2522, 0.2955,
0.3659

■ 14.2230, 0.4263,
0.2308

■ 88.2170, 0.2912,
0.3607

■ 13.0356, 0.4467,
0.2305

■ 88.6844, 0.2868,
0.3514

■ 12.3561, 0.4667,
0.2349

■ 89.1741, 0.2826,
0.3423

■ 12.3141, 0.4681,
0.2353

■ 89.6866, 0.2783,
0.3333

Harmonies

Analogous

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



37.7837, 0.3020, 0.2879



37.7837, 0.3297, 0.3016



37.7837, 0.3535, 0.3220

Triad

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



37.7837, 0.3297, 0.3016



37.7837, 0.3470, 0.3765



37.7837, 0.2621, 0.3093

Complementary

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



37.7837, 0.3297, 0.3016



47.6273, 0.2987, 0.3581

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.



37.7837, 0.2731, 0.3343



37.7837, 0.3297, 0.3016



37.7837, 0.3216, 0.3747

Square

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



37.7837, 0.3297, 0.3016



37.7837, 0.3636, 0.3650



37.7837, 0.2946, 0.3589



37.7837, 0.2640, 0.2913

Rectangle

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



37.7837, 0.3297, 0.3016



37.7837, 0.3635, 0.3373



37.7837, 0.2946, 0.3589



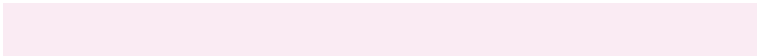
37.7837, 0.2644, 0.3171

Sweetspot

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



37.7854, 0.3297, 0.3016



86.1641, 0.3175, 0.3206



35.8401, 0.2949, 0.2788



18.2784, 0.3180, 0.3197



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.



37.7854, 0.3297, 0.3016



63.6279, 0.3341, 0.2955



37.1220, 0.3471, 0.3250



10.1714, 0.3202, 0.3160



8.2977, 0.4658, 0.2340



0.3721, 0.4250, 0.2115

Inverse Universe

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



37.7854, 0.3297, 0.3016



63.6279, 0.3341, 0.2955



48.3580, 0.2862, 0.3331



10.1714, 0.3202, 0.3160



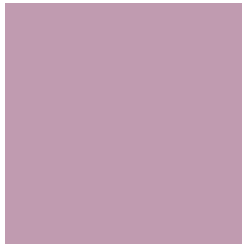
8.2977, 0.4658, 0.2340



0.3721, 0.4250, 0.2115

Previews

White Background



This preview shows how the Yxy color 37.7837, 0.3297, 0.3016 looks on a white background.

Color Contrast Check

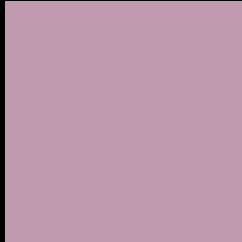
Large Text (above 18pt) WCAG AA × Fail

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 37.7837, 0.3297, 0.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

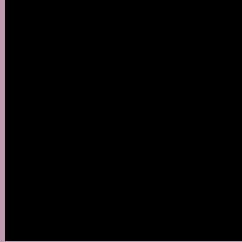
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7837, 0.3297, 0.3016

Background



This preview shows how black text looks on a background with the Yxy color 37.7837, 0.3297, 0.3016.



This preview shows how white text looks on a background with the Yxy color 37.7837, 0.3297, 0.3016.

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

37.7837, 0.3297, 0.3016

Protanopia

37.8208, 0.2975, 0.3039

Deuteranopia

37.9320, 0.3155, 0.3099



Tritanopia

37.6805, 0.3362, 0.3132

Trichromacy



Original Color

37.7837, 0.3297, 0.3016

Protanomaly

37.7837, 0.3083, 0.3031

Deuteranomaly

37.8365, 0.3204, 0.3075

Tritanomaly

37.7936, 0.3333, 0.3093

Monochromacy



Original Color

37.7837, 0.3297, 0.3016

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.4818, 0.3189, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7837, 0.3297, 0.3016 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(192, 155, 176)` looks like.

```
.text, #text, p{  
    color:rgb(192, 155, 176)  
}
```

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(192, 155, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 155, 176) }
```

Border

The CSS property to change the border of an element to Yxy 37.7837, 0.3297, 0.3016 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(192, 155, 176) }
```

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

```
.border{ border-color:rgb(192, 155, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 155, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 155, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 155, 176);  
box-shadow:4px 4px 4px 4px rgb(192, 155,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7837, 0.3297, 0.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 155, 176) }
```

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

```
.background{ background-color: rgb(192,  
155, 176) }
```

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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