

Converting Colors

$Yxy(37.9208, 0.3300, 0.3130)$

Have a look what the booklet for
Yxy(37.9208, 0.3300, 0.3130)
contains.

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Color

Yxy(37.9208, 0.3300, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	BB9EAA
RGB	187, 158, 170
RGB Percent	73%, 62%, 67%
CMY	0.2666, 0.3804, 0.3333
CMYK	0.00, 0.16, 0.09, 0.27
HSL	335°, 18%, 68%
HSV	335°, 16%, 73%
XYZ	39.9804, 37.9208, 43.2515
YIQ	168.0390, 13.4320, 9.8800

Conversions

Conversions Part 2

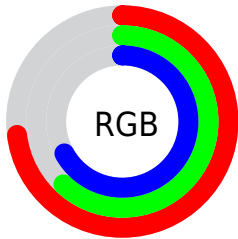
Format	Color
RYB	187, 158, 170
Decimal	12295850
CIELab	67.96, 12.73, -2.26
CIElCh	68, 12.926, 349.940
Yxy	37.9208, 0.3300, 0.3130
Android (android.graphics.Color)	4290485930 (0xFFBB9EAA)
YUV	168.0390, 0.9668, 16.6288
Hunter-Lab	61.5799, 8.1254, 1.4627

Details

The Yxy color **37.9208, 0.3300, 0.3130** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.9115, 0.2982, 0.3456**, and the grayscale version is **39.1702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0794, 0.3266, 0.3166**, and **16.8917, 0.3357, 0.3089** is the 20% darker color. If you saturate the color by 10%, you get **31.6231, 0.3442, 0.3020**, and if you desaturate by 10%, it is **45.2272, 0.3183, 0.3235**.

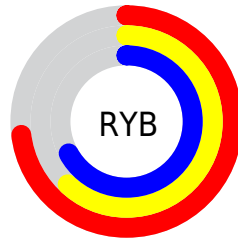
Distribution



Red (73%)

Green (62%)

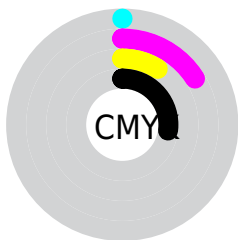
Blue (67%)



Red (73%)

Yellow (62%)

Blue (67%)

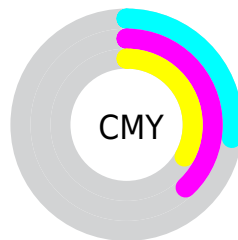


Cyan (0%)

Magenta (16%)

Yellow (9%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9208, 0.3300, 0.3130 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 37.9208, 0.3300, 0.3130 by changing the saturation by 10% instead.


 37.9208, 0.3300,
0.3130


 37.9208, 0.3300,
0.3130


337.2801, 0.3211,
0.3212

 25.9212, 0.3323,
0.3109


 71.9867, 0.3267,
0.3160

 16.7647, 0.3353,
0.3081


 94.8219, 0.3255,
0.3172

 10.0669, 0.3395,
0.3044


122.0377, 0.3245,
0.3181

 5.4433, 0.3454,
0.2990

154.0185, 0.3236,
0.3189

 2.5097, 0.3548,
0.2907

191.1488, 0.3228,
0.3196

 0.8815, 0.3716,
0.2759

233.8128, 0.3222,


 0.0000, 1.0000,


0.3202


0.0000

282.3952, 0.3216,
0.3207


 0.0000, 0.0000,
0.0000


 37.9208, 0.3300,
0.3130

 37.9208, 0.3300,
0.3130


 31.6231, 0.3442,
0.3020


 45.2272, 0.3183,
0.3235


 26.2847, 0.3613,
0.2909


 53.5791, 0.3086,
0.3333


 21.8590, 0.3816,
0.2802

 63.0176, 0.3007,
0.3424

 18.2942, 0.4053,
0.2707

 73.5801, 0.2942,
0.3508

 15.5326, 0.4320,
0.2635

 85.3020, 0.2888,
0.3585

■ 13.5098, 0.4611,
0.2598

■ 88.1281, 0.2833,
0.3499

■ 12.1511, 0.4910,
0.2607

■ 88.7836, 0.2778,
0.3378

■ 11.3641, 0.5197,
0.2669

■ 89.3069, 0.2736,
0.3289

■ 11.1096, 0.5322,
0.2705

Harmonies

Analogous

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



37.9208, 0.3106, 0.3014



37.9208, 0.3300, 0.3130



37.9208, 0.3450, 0.3288

Triad

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



37.9208, 0.3300, 0.3130



37.9208, 0.3328, 0.3632



37.9208, 0.2758, 0.3111

Complementary

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



37.9208, 0.3300, 0.3130



45.9115, 0.2982, 0.3456

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.



37.9208, 0.2814, 0.3279



37.9208, 0.3300, 0.3130



37.9208, 0.3139, 0.3589

Square

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



37.9208, 0.3300, 0.3130



37.9208, 0.3465, 0.3578



37.9208, 0.2952, 0.3457



37.9208, 0.2797, 0.2999

Rectangle

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



37.9208, 0.3300, 0.3130



37.9208, 0.3502, 0.3398



37.9208, 0.2952, 0.3457



37.9208, 0.2766, 0.3163

Sweetspot

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



37.9225, 0.3300, 0.3130



81.5989, 0.3178, 0.3239



37.1464, 0.3032, 0.2899



17.7514, 0.3186, 0.3232



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.



37.9225, 0.3300, 0.3130



63.4231, 0.3351, 0.3089



38.3211, 0.3409, 0.3323



9.6002, 0.3225, 0.3195



7.6667, 0.5291, 0.2688



0.3134, 0.4673, 0.2348

Inverse Universe

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



37.9225, 0.3300, 0.3130



63.4231, 0.3351, 0.3089



45.3876, 0.2894, 0.3256



9.6002, 0.3225, 0.3195



7.6667, 0.5291, 0.2688



0.3134, 0.4673, 0.2348

Previews

White Background



This preview shows how the Yxy color 37.9208, 0.3300, 0.3130 looks on a white background.

Color Contrast Check

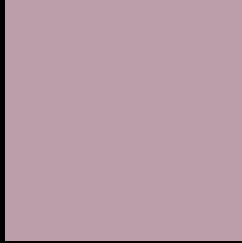
Large Text (above 18pt) WCAG AA × Fail

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 37.9208, 0.3300, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

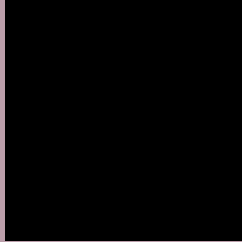
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9208, 0.3300, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 37.9208, 0.3300, 0.3130.



This preview shows how white text looks on a background with the Yxy color 37.9208, 0.3300, 0.3130.

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

37.9208, 0.3300, 0.3130

Protanopia

38.0733, 0.3060, 0.3164

Deuteranopia

38.0953, 0.3228, 0.3168



Tritanopia

37.9208, 0.3300, 0.3130

Trichromacy



Original Color

37.9208, 0.3300, 0.3130

Protanomaly

37.8565, 0.3144, 0.3139

Deuteranomaly

38.1112, 0.3258, 0.3155

Tritanomaly

37.9208, 0.3300, 0.3130

Monochromacy



Original Color

37.9208, 0.3300, 0.3130

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.5295, 0.3187, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9208, 0.3300, 0.3130 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(187, 158, 170)` looks like.

```
.text, #text, p{  
    color:rgb(187, 158, 170)  
}
```

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(187, 158, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 158, 170) }
```

Border

The CSS property to change the border of an element to Yxy 37.9208, 0.3300, 0.3130 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(187, 158, 170) }
```

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

```
.border{ border-color:rgb(187, 158, 170) }
```

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

Here you see how a box with a 4 pixel rgb(187, 158, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 158, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 158, 170);  
box-shadow:4px 4px 4px 4px rgb(187, 158,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9208, 0.3300, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 158, 170) }
```

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

```
.background{ background-color: rgb(187,  
158, 170) }
```

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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