

Converting Colors

$Yxy(37.9671, 0.3292, 0.3205)$

Have a look what the booklet for
Yxy(37.9671, 0.3292, 0.3205)
contains.

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Color

Yxy(37.9621, 0.3295, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	B7A0A6
RGB	183, 160, 166
RGB Percent	72%, 63%, 65%
CMY	0.2824, 0.3725, 0.3490
CMYK	0.00, 0.13, 0.09, 0.28
HSL	344°, 14%, 67%
HSV	344°, 13%, 72%
XYZ	38.9795, 37.9621, 41.3573
YIQ	167.5610, 11.7820, 6.7420

Conversions

Conversions Part 2

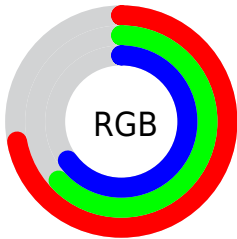
Format	Color
R _Y B	183, 160, 166
Decimal	12034214
CIE Lab	67.99, 9.44, -0.03
CIE LCh	68, 9.443, 359.837
Yxy	37.9621, 0.3295, 0.3209
Android (android.graphics.Color)	4290224294 (0xFFB7A0A6)
YUV	167.5610, -0.7696, 13.5400
Hunter-Lab	61.6134, 5.1039, 3.3316

Details

The Yxy color $37.9621, 0.3295, 0.3209$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $44.5060, 0.2983, 0.3373$, and the grayscale version is $38.9314, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.1721, 0.3262, 0.3228$, and $16.8980, 0.3351, 0.3197$ is the 20% darker color. If you saturate the color by 10%, you get $31.6089, 0.3463, 0.3140$, and if you desaturate by 10%, it is $45.3045, 0.3158, 0.3274$.

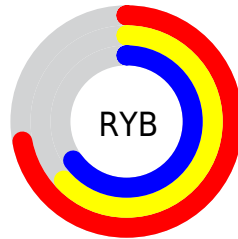
Distribution



Red (72%)

Green (63%)

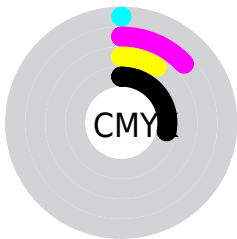
Blue (65%)



Red (72%)

Yellow (63%)

Blue (65%)

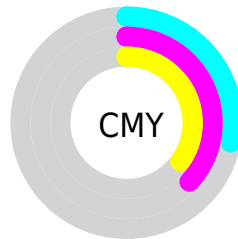


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (28%)



Cyan (28%)


Magenta (37%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9621, 0.3295, 0.3209 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 37.9621, 0.3295, 0.3209 by changing the saturation by 10% instead.

 37.9621, 0.3295,
0.3209


 37.9621, 0.3295,
0.3209


337.4574, 0.3208,
0.3251

 25.9533, 0.3318,
0.3198


 72.0500, 0.3263,
0.3225

 16.7887, 0.3347,
0.3184


 94.8980, 0.3251,
0.3230

 10.0839, 0.3388,
0.3164


122.1277, 0.3241,
0.3235

 5.4547, 0.3448,
0.3135

154.1236, 0.3232,
0.3239

 2.5164, 0.3542,
0.3090

191.2702, 0.3225,
0.3243

 0.8848, 0.3714,
0.3006

233.9517, 0.3219,

 0.0000, 1.0000,

0.3246

0.0000

282.5526, 0.3213,
0.3249

0.0000, 0.0000,
0.0000

37.9621, 0.3295,
0.3209

37.9621, 0.3295,
0.3209

31.6089, 0.3463,
0.3140

45.3045, 0.3158,
0.3274

26.1976, 0.3670,
0.3070

53.6708, 0.3046,
0.3335

21.6847, 0.3919,
0.3001

63.1000, 0.2955,
0.3390

18.0209, 0.4215,
0.2940

73.6278, 0.2881,
0.3441

15.1527, 0.4557,
0.2895

85.2881, 0.2820,
0.3487

■ 13.0200, 0.4931,
0.2877

■ 88.3057, 0.2754,
0.3374

■ 11.5542, 0.5312,
0.2896

■ 88.8047, 0.2716,
0.3289

■ 10.6735, 0.5663,
0.2958

■ 10.2769, 0.5892,
0.3019

Harmonies

Analogous

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



37.9621, 0.3160, 0.3110



37.9621, 0.3295, 0.3209



37.9621, 0.3385, 0.3330

Triad

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



37.9621, 0.3295, 0.3209



37.9621, 0.3231, 0.3536



37.9621, 0.2858, 0.3128

Complementary

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



37.9621, 0.3295, 0.3209



44.5060, 0.2983, 0.3373

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.



37.9621, 0.2876, 0.3241



37.9621, 0.3295, 0.3209



37.9621, 0.3090, 0.3481

Square

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



37.9621, 0.3295, 0.3209



37.9621, 0.3347, 0.3521



37.9621, 0.2960, 0.3371



37.9621, 0.2909, 0.3062

Rectangle

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



37.9621, 0.3295, 0.3209



37.9621, 0.3407, 0.3409



37.9621, 0.2960, 0.3371



37.9621, 0.2856, 0.3161

Sweetspot

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



37.9638, 0.3295, 0.3209



79.0538, 0.3177, 0.3265



37.8933, 0.3084, 0.2980



17.2325, 0.3187, 0.3260



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



37.9638, 0.3295, 0.3209



64.7706, 0.3337, 0.3191



39.6470, 0.3342, 0.3363



9.0498, 0.3248, 0.3230



7.1810, 0.5862, 0.3003



0.2637, 0.5111, 0.2589

Inverse Universe

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



37.9638, 0.3295, 0.3209



64.7706, 0.3337, 0.3191



42.5822, 0.2937, 0.3215



9.0498, 0.3248, 0.3230



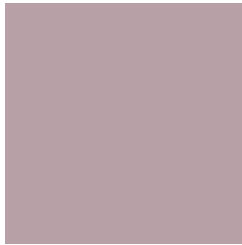
7.1810, 0.5862, 0.3003



0.2637, 0.5111, 0.2589

Previews

White Background



This preview shows how the Yxy color 37.9621, 0.3295, 0.3209 looks on a white background.

Color Contrast Check

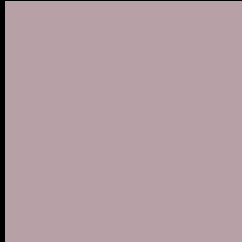
Large Text (above 18pt) WCAG AA × Fail

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 37.9621, 0.3295, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

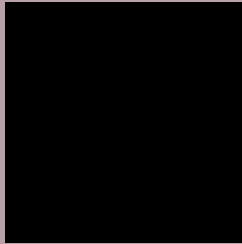
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9621, 0.3295, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 37.9621, 0.3295, 0.3209.



This preview shows how white text looks on a background with the Yxy color 37.9621, 0.3295, 0.3209.

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

37.9621, 0.3295, 0.3209

Protanopia

38.0997, 0.3121, 0.3234

Deuteranopia

38.1880, 0.3284, 0.3223



Tritanopia

37.9652, 0.3251, 0.3116

Trichromacy



Original Color

37.9621, 0.3295, 0.3209

Protanomaly

37.9058, 0.3178, 0.3221

Deuteranomaly

38.1880, 0.3284, 0.3223

Tritanomaly

37.8889, 0.3269, 0.3142

Monochromacy



Original Color

37.9621, 0.3295, 0.3209

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.5845, 0.3185, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9621, 0.3295, 0.3209 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(183, 160, 166)` looks like.

```
.text, #text, p{  
    color:rgb(183, 160, 166)  
}
```

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(183, 160, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 160, 166) }
```

Border

The CSS property to change the border of an element to Yxy 37.9621, 0.3295, 0.3209 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(183, 160, 166) }
```

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

```
.border{ border-color:rgb(183, 160, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 160, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 160, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 160, 166);  
box-shadow:4px 4px 4px 4px rgb(183, 160,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9621, 0.3295, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 160, 166) }
```

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

```
.background{ background-color: rgb(183,  
160, 166) }
```

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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