

Converting Colors

$Yxy(37.2704, 0.3377, 0.3114)$

Have a look what the booklet for
Yxy(37.2704, 0.3377, 0.3114)
contains.

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Color

Yxy(37.1448, 0.3375, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	C09AA8
RGB	192, 154, 168
RGB Percent	75%, 60%, 66%
CMY	0.2470, 0.3961, 0.3412
CMYK	0.00, 0.20, 0.13, 0.25
HSL	338°, 23%, 68%
HSV	338°, 20%, 75%
XYZ	40.3618, 37.1448, 42.0839
YIQ	166.9580, 18.1540, 12.4100

Conversions

Conversions Part 2

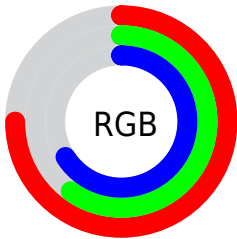
Format	Color
R _Y B	192, 154, 168
Decimal	12622504
CIE Lab	67.39, 16.40, -1.92
CIE LCh	67, 16.512, 353.333
Yxy	37.1448, 0.3375, 0.3106
Android (android.graphics.Color)	4290812584 (0xFFC09AA8)
YUV	166.9580, 0.5137, 21.9618
Hunter-Lab	60.9465, 11.5550, 1.7225

Details

The Yxy color **37.1448, 0.3375, 0.3106** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.7868, 0.2930, 0.3482**, and the grayscale version is **38.6137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0684, 0.3329, 0.3147**, and **16.3647, 0.3451, 0.3056** is the 20% darker color. If you saturate the color by 10%, you get **30.8758, 0.3542, 0.3007**, and if you desaturate by 10%, it is **44.4731, 0.3238, 0.3202**.

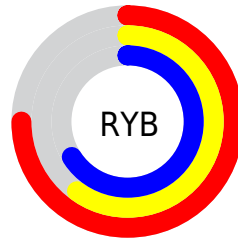
Distribution



Red (75%)

Green (60%)

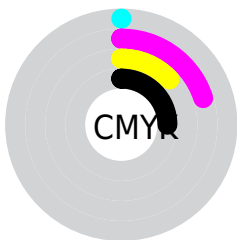
Blue (66%)



Red (75%)

Yellow (60%)

Blue (66%)

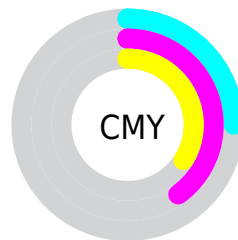


Cyan (0%)

Magenta (20%)

Yellow (13%)

Black (25%)



Cyan (25%)

Magenta (40%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1448, 0.3375, 0.3106 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 37.1448, 0.3375, 0.3106 by changing the saturation by 10% instead.


 37.1448, 0.3375,
0.3106


 37.1448, 0.3375,
0.3106


333.9370, 0.3247,
0.3201

 25.3196, 0.3408,
0.3081


 70.7954, 0.3327,
0.3141

 16.3153, 0.3452,
0.3049


 93.3897, 0.3310,
0.3154

 9.7476, 0.3512,
0.3006


120.3424, 0.3295,
0.3165

 5.2319, 0.3600,
0.2943

152.0380, 0.3283,
0.3174

 2.3840, 0.3738,
0.2845

188.8609, 0.3272,
0.3182

 0.8176, 0.3991,
0.2666

231.1954, 0.3262,

 0.0000, 1.0000,

0.3189

0.0000

279.4260, 0.3254,
0.3195

0.0000, 0.0000,
0.0000

37.1448, 0.3375,
0.3106

37.1448, 0.3375,
0.3106

30.8758, 0.3542,
0.3007

44.4731, 0.3238,
0.3202

25.6118, 0.3743,
0.2909

52.9016, 0.3125,
0.3292

21.3013, 0.3981,
0.2817

62.4754, 0.3033,
0.3376

17.8862, 0.4256,
0.2742

73.2352, 0.2957,
0.3453

15.3018, 0.4563,
0.2693

85.2201, 0.2895,
0.3523

■ 13.4749, 0.4888,
0.2685

■ 89.0653, 0.2834,
0.3442

■ 12.3189, 0.5210,
0.2726

■ 89.8139, 0.2773,
0.3311

■ 11.6698, 0.5507,
0.2809

■ 89.9471, 0.2762,
0.3289

■ 11.6579, 0.5513,
0.2811

Harmonies

Analogous

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



37.1448, 0.3127, 0.2952



37.1448, 0.3375, 0.3106



37.1448, 0.3559, 0.3308

Triad

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



37.1448, 0.3375, 0.3106



37.1448, 0.3358, 0.3733



37.1448, 0.2655, 0.3037

Complementary

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



37.1448, 0.3375, 0.3106



47.7868, 0.2930, 0.3482

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.



37.1448, 0.2712, 0.3247



37.1448, 0.3375, 0.3106



37.1448, 0.3112, 0.3664

Square

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



37.1448, 0.3375, 0.3106



37.1448, 0.3547, 0.3673



37.1448, 0.2877, 0.3482



37.1448, 0.2718, 0.2906

Rectangle

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



37.1448, 0.3375, 0.3106



37.1448, 0.3617, 0.3448



37.1448, 0.2877, 0.3482



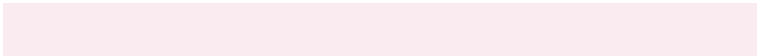
37.1448, 0.2661, 0.3100

Sweetspot

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



37.1465, 0.3375, 0.3106



85.9850, 0.3193, 0.3236



36.3171, 0.3013, 0.2784



18.2361, 0.3201, 0.3230



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.



37.1465, 0.3375, 0.3106



61.8531, 0.3448, 0.3061



38.1435, 0.3502, 0.3350



10.1378, 0.3232, 0.3206



7.8579, 0.5480, 0.2793



0.3529, 0.4865, 0.2454

Inverse Universe

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



37.1465, 0.3375, 0.3106



61.8531, 0.3448, 0.3061



46.4599, 0.2831, 0.3229



10.1378, 0.3232, 0.3206



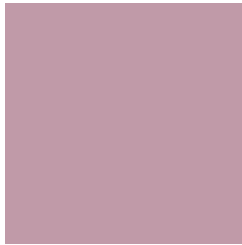
7.8579, 0.5480, 0.2793



0.3529, 0.4865, 0.2454

Previews

White Background



This preview shows how the Yxy color 37.1448, 0.3375, 0.3106 looks on a white background.

Color Contrast Check

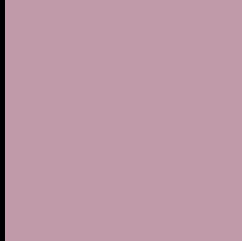
Large Text (above 18pt) WCAG AA × Fail

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 37.1448, 0.3375, 0.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

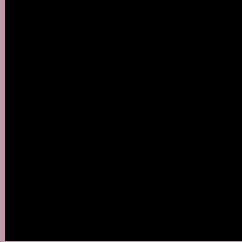
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1448, 0.3375, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 37.1448, 0.3375, 0.3106.



This preview shows how white text looks on a background with the Yxy color 37.1448, 0.3375, 0.3106.

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

37.1448, 0.3375, 0.3106

Protanopia

37.2497, 0.3051, 0.3135

Deuteranopia

37.1700, 0.3248, 0.3181



Tritanopia

37.0708, 0.3394, 0.3132

Trichromacy



Original Color

37.1448, 0.3375, 0.3106

Protanomaly

37.2341, 0.3164, 0.3125

Deuteranomaly

37.0943, 0.3300, 0.3155

Tritanomaly

37.1077, 0.3385, 0.3119

Monochromacy



Original Color

37.1448, 0.3375, 0.3106

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.8608, 0.3216, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1448, 0.3375, 0.3106 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, 154, 168)` looks like.

```
.text, #text, p{  
    color:rgb(192, 154, 168)  
}
```

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, 154, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 154, 168) }
```

Border

The CSS property to change the border of an element to Yxy 37.1448, 0.3375, 0.3106 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, 154, 168) }
```

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

```
.border{ border-color:rgb(192, 154, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 154, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 154, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 154, 168);  
box-shadow:4px 4px 4px 4px rgb(192, 154,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1448, 0.3375, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 154, 168) }
```

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

```
.background{ background-color: rgb(192,  
154, 168) }
```

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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