

Converting Colors

Yxy(37.6824, 0.3364, 0.3094)

Have a look what the booklet for
Yxy(37.6824, 0.3364, 0.3094)
contains.

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Color

Yxy(37.6824, 0.3364, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	C19BAA
RGB	193, 155, 170
RGB Percent	76%, 61%, 67%
CMY	0.2431, 0.3922, 0.3334
CMYK	0.00, 0.20, 0.12, 0.24
HSL	336°, 23%, 68%
HSV	336°, 20%, 76%
XYZ	40.9708, 37.6824, 43.1387
YIQ	168.0720, 17.8330, 12.7210

Conversions

Conversions Part 2

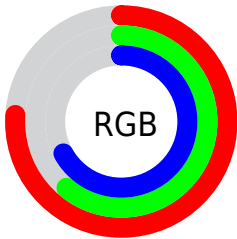
Format	Color
R_{YB}	193, 155, 170
Decimal	12688298
CIE _{Lab}	67.79, 16.56, -2.43
CIE _{LCh}	68, 16.733, 351.637
Yxy	37.6824, 0.3364, 0.3094
Android (android.graphics.Color)	4290878378 (0xFFC19BAA)
YUV	168.0720, 0.9505, 21.8619
Hunter-Lab	61.3860, 11.7106, 1.3045

Details

The Yxy color **37.6824, 0.3364, 0.3094** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.3296, 0.2938, 0.3495**, and the grayscale version is **39.1848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8534, 0.3321, 0.3138**, and **16.6976, 0.3435, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **31.3420, 0.3523, 0.2988**, and if you desaturate by 10%, it is **45.0924, 0.3232, 0.3196**.

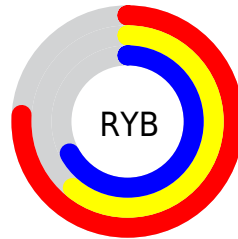
Distribution



Red (76%)

Green (61%)

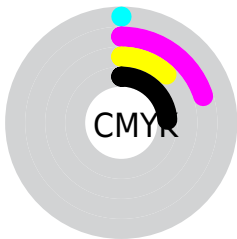
Blue (67%)



Red (76%)

Yellow (61%)

Blue (67%)

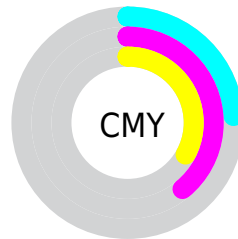


Cyan (0%)

Magenta (20%)

Yellow (12%)

Black (24%)



Cyan (24%)


Magenta (39%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.6824, 0.3364, 0.3094 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 37.6824, 0.3364, 0.3094 by changing the saturation by 10% instead.

 37.6824, 0.3364,
0.3094


 37.6824, 0.3364,
0.3094


336.2556, 0.3242,
0.3194

 25.7363, 0.3396,
0.3068

 71.6211, 0.3319,
0.3131

 16.6265, 0.3437,
0.3034


 94.3824, 0.3302,
0.3145

 9.9685, 0.3494,
0.2989


121.5177, 0.3288,
0.3156

 5.3781, 0.3576,
0.2923

153.4111, 0.3276,
0.3166

 2.4708, 0.3705,
0.2822

190.4473, 0.3266,
0.3175

 0.8619, 0.3936,
0.2642

233.0105, 0.3257,


 0.0000, 1.0000,

0.3182


0.0000


281.4851, 0.3249,
0.3189


 0.0000, 0.0000,
0.0000


 37.6824, 0.3364,
0.3094


 37.6824, 0.3364,
0.3094


 31.3420, 0.3523,
0.2988


 45.0924, 0.3232,
0.3196


 26.0163, 0.3715,
0.2883


 53.6133, 0.3124,
0.3293


 21.6535, 0.3941,
0.2785

 63.2906, 0.3035,
0.3383

 18.1948, 0.4203,
0.2703

 74.1654, 0.2962,
0.3465

 15.5750, 0.4494,
0.2648

 86.2770, 0.2902,
0.3541

■ 13.7201, 0.4803,
0.2634

■ 89.1583, 0.2843,
0.3449

■ 12.5428, 0.5111,
0.2670

■ 89.8762, 0.2784,
0.3323

■ 11.8803, 0.5400,
0.2751

■ 90.0791, 0.2768,
0.3289

■ 11.8625, 0.5409,
0.2753

Harmonies

Analogous

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



37.6824, 0.3112, 0.2942



37.6824, 0.3364, 0.3094



37.6824, 0.3555, 0.3296

Triad

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



37.6824, 0.3364, 0.3094



37.6824, 0.3373, 0.3737



37.6824, 0.2652, 0.3045

Complementary

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



37.6824, 0.3364, 0.3094



48.3296, 0.2938, 0.3495

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.



37.6824, 0.2715, 0.3260



37.6824, 0.3364, 0.3094



37.6824, 0.3126, 0.3675

Square

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



37.6824, 0.3364, 0.3094



37.6824, 0.3558, 0.3669



37.6824, 0.2887, 0.3496



37.6824, 0.2708, 0.2908

Rectangle

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



37.6824, 0.3364, 0.3094



37.6824, 0.3619, 0.3438



37.6824, 0.2887, 0.3496



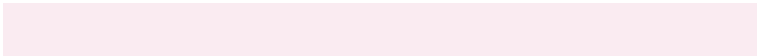
37.6824, 0.2660, 0.3110

Sweetspot

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



37.6841, 0.3364, 0.3094



86.0084, 0.3191, 0.3232



36.7362, 0.3008, 0.2786



18.2416, 0.3198, 0.3225



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.



37.6841, 0.3364, 0.3094



61.9328, 0.3435, 0.3045



38.4341, 0.3502, 0.3342



10.1422, 0.3228, 0.3200



7.9035, 0.5376, 0.2735



0.3551, 0.4781, 0.2408

Inverse Universe

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



37.6841, 0.3364, 0.3094



61.9328, 0.3435, 0.3045



47.3058, 0.2833, 0.3238



10.1422, 0.3228, 0.3200



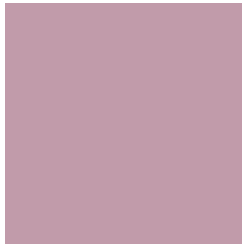
7.9035, 0.5376, 0.2735



0.3551, 0.4781, 0.2408

Previews

White Background



This preview shows how the Yxy color 37.6824, 0.3364, 0.3094 looks on a white background.

Color Contrast Check

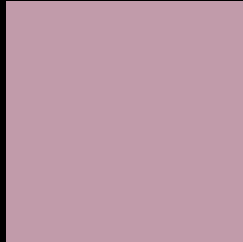
Large Text (above 18pt) WCAG AA × Fail

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 37.6824, 0.3364, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

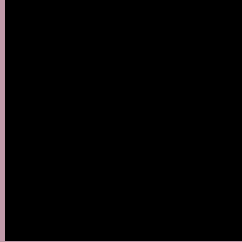
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6824, 0.3364, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 37.6824, 0.3364, 0.3094.



This preview shows how white text looks on a background with the Yxy color 37.6824, 0.3364, 0.3094.

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

37.6824, 0.3364, 0.3094

Protanopia

37.6848, 0.3034, 0.3121

Deuteranopia

37.7095, 0.3239, 0.3168



Tritanopia

37.5702, 0.3393, 0.3133

Trichromacy



Original Color

37.6824, 0.3364, 0.3094

Protanomaly

37.6597, 0.3145, 0.3112

Deuteranomaly

37.6326, 0.3290, 0.3143

Tritanomaly

37.6073, 0.3383, 0.3120

Monochromacy



Original Color

37.6824, 0.3364, 0.3094

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.4061, 0.3207, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6824, 0.3364, 0.3094 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(193, 155, 170)` looks like.

```
.text, #text, p{  
    color:rgb(193, 155, 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(193, 155, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 155, 170) }
```

Border

The CSS property to change the border of an element to Yxy 37.6824, 0.3364, 0.3094 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(193, 155, 170) }
```

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

```
.border{ border-color:rgb(193, 155, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 155, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 155, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 155, 170);  
box-shadow:4px 4px 4px 4px rgb(193, 155,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6824, 0.3364, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 155, 170) }
```

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

```
.background{ background-color: rgb(193,  
155, 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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