

Converting Colors

Yxy(36.7454, 0.3368, 0.3164)

Have a look what the booklet for
Yxy(36.7454, 0.3368, 0.3164)
contains.

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Color

Yxy(36.8144, 0.3372, 0.3170)

Conversions

Conversions Part 1

Format	Color
Hex	BC9BA4
RGB	188, 155, 164
RGB Percent	74%, 61%, 64%
CMY	0.2627, 0.3921, 0.3569
CMYK	0.00, 0.18, 0.13, 0.26
HSL	344°, 20%, 67%
HSV	344°, 18%, 74%
XYZ	39.1603, 36.8144, 40.1591
YIQ	165.8930, 16.7790, 9.7950

Conversions

Conversions Part 2

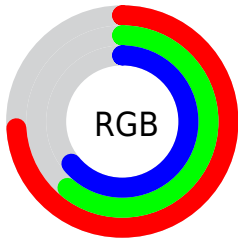
Format	Color
RYB	188, 155, 164
Decimal	12360612
CIELab	67.14, 13.70, -0.09
CIELCh	67, 13.703, 359.629
Yxy	36.8144, 0.3372, 0.3170
Android (android.graphics.Color)	4290550692 (0xFFBC9BA4)
YUV	165.8930, -0.9332, 19.3878
Hunter-Lab	60.6749, 9.0251, 3.2300

Details

The Yxy color **36.8144, 0.3372, 0.3170** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.1908, 0.2930, 0.3414**, and the grayscale version is **38.0780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.4408, 0.3319, 0.3197**, and **16.1388, 0.3448, 0.3143** is the 20% darker color. If you saturate the color by 10%, you get **30.5698, 0.3556, 0.3097**, and if you desaturate by 10%, it is **44.0897, 0.3222, 0.3240**.

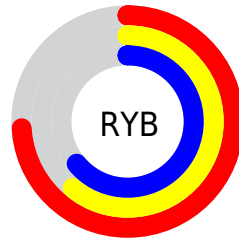
Distribution



Red (74%)

Green (61%)

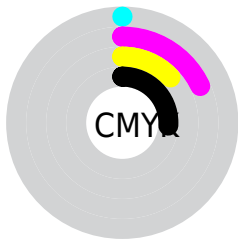
Blue (64%)



Red (74%)

Yellow (61%)

Blue (64%)

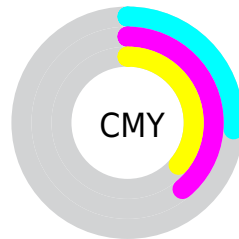


Cyan (0%)

Magenta (18%)

Yellow (13%)

Black (26%)



Cyan (26%)


Magenta (39%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8144, 0.3372, 0.3170 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 36.8144, 0.3372, 0.3170 by changing the saturation by 10% instead.

 36.8144, 0.3372,
0.3170


 36.8144, 0.3372,
0.3170


332.5063, 0.3245,
0.3232

 25.0638, 0.3405,
0.3154


 70.2872, 0.3325,
0.3193

 16.1246, 0.3450,
0.3132


 92.7783, 0.3307,
0.3202

 9.6124, 0.3510,
0.3102


119.6183, 0.3292,
0.3209

 5.1427, 0.3599,
0.3059

151.1916, 0.3280,
0.3215

 2.3312, 0.3740,
0.2990

187.8827, 0.3269,
0.3220

 0.7902, 0.4012,
0.2856

230.0759, 0.3260,

 0.0000, 1.0000,

0.3225

0.0000

278.1556, 0.3252,
0.3229

0.0000, 0.0000,
0.0000

36.8144, 0.3372,
0.3170

36.8144, 0.3372,
0.3170

30.5698, 0.3556,
0.3097

44.0897, 0.3222,
0.3240

25.3043, 0.3780,
0.3024

52.4344, 0.3099,
0.3306

20.9694, 0.4050,
0.2955

61.8912, 0.3000,
0.3366

17.5102, 0.4365,
0.2898

72.4990, 0.2919,
0.3421

14.8665, 0.4720,
0.2864

84.2949, 0.2852,
0.3472

■ 12.9697, 0.5096,
0.2862

■ 88.8696, 0.2786,
0.3385

■ 11.7405, 0.5464,
0.2902

■ 89.4313, 0.2742,
0.3289

■ 11.0628, 0.5788,
0.2983

■ 10.9321, 0.5861,
0.3002

Harmonies

Analogous

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



36.8144, 0.3173, 0.3028



36.8144, 0.3372, 0.3170



36.8144, 0.3506, 0.3344

Triad

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



36.8144, 0.3372, 0.3170



36.8144, 0.3280, 0.3654



36.8144, 0.2735, 0.3051

Complementary

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



36.8144, 0.3372, 0.3170



46.1908, 0.2930, 0.3414

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.



36.8144, 0.2762, 0.3216



36.8144, 0.3372, 0.3170



36.8144, 0.3072, 0.3574

Square

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



36.8144, 0.3372, 0.3170



36.8144, 0.3450, 0.3628



36.8144, 0.2884, 0.3410



36.8144, 0.2809, 0.2957

Rectangle

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



36.8144, 0.3372, 0.3170



36.8144, 0.3538, 0.3459



36.8144, 0.2884, 0.3410



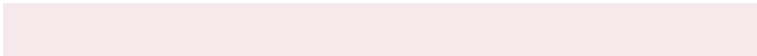
36.8144, 0.2733, 0.3100

Sweetspot

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



36.8160, 0.3372, 0.3170



83.4555, 0.3189, 0.3257



36.6178, 0.3059, 0.2850



17.7268, 0.3198, 0.3252



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.



36.8160, 0.3372, 0.3170



62.2142, 0.3438, 0.3143



38.9533, 0.3444, 0.3387



9.5779, 0.3247, 0.3228



7.4541, 0.5829, 0.2985



0.3034, 0.5124, 0.2597

Inverse Universe

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



36.8160, 0.3372, 0.3170



62.2142, 0.3438, 0.3143



43.5872, 0.2861, 0.3191



9.5779, 0.3247, 0.3228



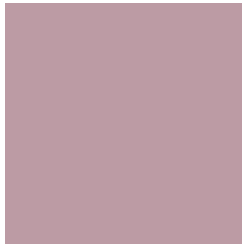
7.4541, 0.5829, 0.2985



0.3034, 0.5124, 0.2597

Previews

White Background



This preview shows how the Yxy color 36.8144, 0.3372, 0.3170 looks on a white background.

Color Contrast Check

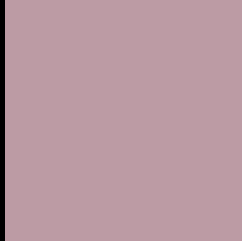
Large Text (above 18pt) WCAG AA × Fail

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 36.8144, 0.3372, 0.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

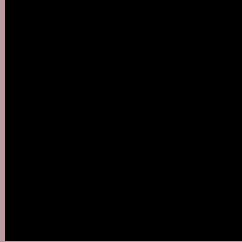
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8144, 0.3372, 0.3170

Background



This preview shows how black text looks on a background with the Yxy color 36.8144, 0.3372, 0.3170.



This preview shows how white text looks on a background with the Yxy color 36.8144, 0.3372, 0.3170.

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

36.8144, 0.3372, 0.3170

Protanopia

37.0209, 0.3102, 0.3219

Deuteranopia

36.6818, 0.3287, 0.3221



Tritanopia

36.9241, 0.3343, 0.3130

Trichromacy



Original Color

36.8144, 0.3372, 0.3170

Protanomaly

36.8159, 0.3189, 0.3192

Deuteranomaly

36.7034, 0.3318, 0.3208

Tritanomaly

36.8872, 0.3353, 0.3143

Monochromacy



Original Color

36.8144, 0.3372, 0.3170

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.5559, 0.3215, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8144, 0.3372, 0.3170 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(188, 155, 164)` looks like.

```
.text, #text, p{  
    color:rgb(188, 155, 164)  
}
```

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(188, 155, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 155, 164) }
```

Border

The CSS property to change the border of an element to Yxy 36.8144, 0.3372, 0.3170 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(188, 155, 164) }
```

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

```
.border{ border-color:rgb(188, 155, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 155, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 155, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 155, 164); box-shadow:4px 4px 4px 4px rgb(188, 155, 164) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8144, 0.3372, 0.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 155, 164) }
```

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

```
.background{ background-color: rgb(188,  
155, 164) }
```

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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