

Converting Colors

$Yxy(37.0432, 0.3175, 0.2953)$

Have a look what the booklet for
Yxy(37.0432, 0.3175, 0.2953)
contains.

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Color

Yxy(36.9692, 0.3172, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	B89BB5
RGB	184, 155, 181
RGB Percent	72%, 61%, 71%
CMY	0.2786, 0.3921, 0.2903
CMYK	0.00, 0.16, 0.02, 0.28
HSL	306°, 17%, 66%
HSV	306°, 16%, 72%
XYZ	39.8188, 36.9692, 48.7441
YIQ	166.6350, 8.9380, 14.2340

Conversions

Conversions Part 2

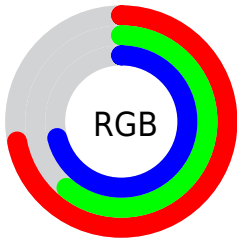
Format	Color
RYB	184, 155, 181
Decimal	12098485
CIELab	67.25, 15.27, -9.46
CIELCh	67, 17.965, 328.239
Yxy	36.9692, 0.3172, 0.2945
Android (android.graphics.Color)	4290288565 (0xFFB89BB5)
YUV	166.6350, 7.0819, 15.2291
Hunter-Lab	60.8023, 10.4937, -4.9701

Details

The Yxy color **36.9692, 0.3172, 0.2945** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.7002, 0.3085, 0.3661**, and the grayscale version is **38.4170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7329, 0.3162, 0.3012**, and **16.2844, 0.3189, 0.2852** is the 20% darker color. If you saturate the color by 10%, you get **31.2291, 0.3205, 0.2720**, and if you desaturate by 10%, it is **43.6463, 0.3143, 0.3167**.

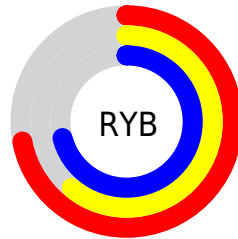
Distribution



Red (72%)

Green (61%)

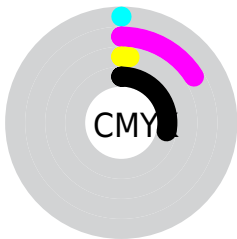
Blue (71%)



Red (72%)

Yellow (61%)

Blue (71%)

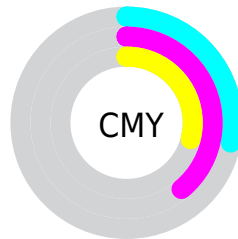


Cyan (0%)

Magenta (16%)

Yellow (2%)

Black (28%)



Cyan (28%)


Magenta (39%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9692, 0.3172, 0.2945 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 36.9692, 0.3172, 0.2945 by changing the saturation by 10% instead.


 36.9692, 0.3172,
0.2945


 36.9692, 0.3172,
0.2945


333.1772, 0.3151,
0.3120

 25.1836, 0.3177,
0.2901


 70.5254, 0.3165,
0.3009

 16.2139, 0.3183,
0.2844


 93.0649, 0.3162,
0.3033

 9.6757, 0.3191,
0.2767


119.9577, 0.3159,
0.3053

 5.1844, 0.3200,
0.2659

151.5884, 0.3157,
0.3070

 2.3559, 0.3212,
0.2494

188.3413, 0.3155,
0.3085

 0.8031, 0.3228,
0.2212

230.6008, 0.3154,


 0.0000, 0.2027,

0.3098

0.0000


278.7513, 0.3152,
0.3109

 0.0000, 0.0000,
0.0000

 36.9692, 0.3172,
0.2945

 36.9692, 0.3172,
0.2945


 31.2291, 0.3205,
0.2720


 43.6463, 0.3143,
0.3167


 26.3792, 0.3241,
0.2498


 51.2950, 0.3116,
0.3380


 22.3758, 0.3279,
0.2288

 59.9541, 0.3094,
0.3582

 19.1695, 0.3319,
0.2099

 69.6586, 0.3074,
0.3770

 16.7061, 0.3359,
0.1939

 80.4422, 0.3057,
0.3943

■ 14.9243, 0.3399,
0.1818

■ 85.5237, 0.3044,
0.4002

■ 13.7534, 0.3436,
0.1739

■ 85.6081, 0.3034,
0.3980

■ 13.1041, 0.3471,
0.1703

■ 85.6935, 0.3024,
0.3957

■ 12.9039, 0.3485,
0.1694

■ 85.7801, 0.3014,
0.3935

Harmonies

Analogous

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



36.9692, 0.2905, 0.2849



36.9692, 0.3172, 0.2945



36.9692, 0.3437, 0.3123

Triad

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



36.9692, 0.3172, 0.2945



36.9692, 0.3558, 0.3726



36.9692, 0.2657, 0.3201

Complementary

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



36.9692, 0.3172, 0.2945



43.7002, 0.3085, 0.3661

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.



36.9692, 0.2818, 0.3459



36.9692, 0.3172, 0.2945



36.9692, 0.3336, 0.3772

Square

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



36.9692, 0.3172, 0.2945



36.9692, 0.3664, 0.3566



36.9692, 0.3065, 0.3674



36.9692, 0.2617, 0.2983

Rectangle

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



36.9692, 0.3172, 0.2945



36.9692, 0.3572, 0.3270



36.9692, 0.3065, 0.3674



36.9692, 0.2699, 0.3286

Sweetspot

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



36.9708, 0.3172, 0.2945



80.0037, 0.3141, 0.3181



34.1703, 0.2902, 0.2878



17.0513, 0.3143, 0.3165



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.



36.9708, 0.3172, 0.2945



63.1261, 0.3183, 0.2864



36.4103, 0.3306, 0.3134



9.1464, 0.3153, 0.3087



8.9046, 0.3482, 0.1692



0.3185, 0.3403, 0.1648

Inverse Universe

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



36.9708, 0.3172, 0.2945



63.1261, 0.3183, 0.2864



44.2251, 0.2977, 0.3452



9.1464, 0.3153, 0.3087



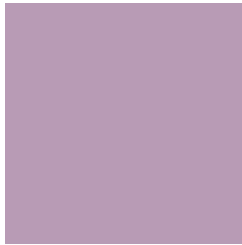
8.9046, 0.3482, 0.1692



0.3185, 0.3403, 0.1648

Previews

White Background



This preview shows how the Yxy color 36.9692, 0.3172, 0.2945 looks on a white background.

Color Contrast Check

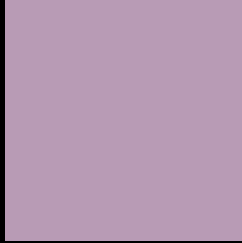
Large Text (above 18pt) WCAG AA × Fail

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 36.9692, 0.3172, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

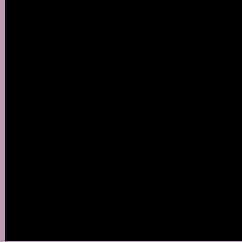
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9692, 0.3172, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 36.9692, 0.3172, 0.2945.



This preview shows how white text looks on a background with the Yxy color 36.9692, 0.3172, 0.2945.

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

36.9692, 0.3172, 0.2945

Protanopia

37.2131, 0.2908, 0.2968

Deuteranopia

36.8622, 0.3065, 0.3001



Tritanopia

36.9236, 0.3262, 0.3127

Trichromacy



Original Color

36.9692, 0.3172, 0.2945

Protanomaly

37.0373, 0.3003, 0.2960

Deuteranomaly

36.9791, 0.3103, 0.2991

Tritanomaly

36.8613, 0.3235, 0.3061

Monochromacy



Original Color

36.9692, 0.3172, 0.2945

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.0572, 0.3142, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9692, 0.3172, 0.2945 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(184, 155, 181)` looks like.

```
.text, #text, p{  
    color:rgb(184, 155, 181)  
}
```

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(184, 155, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 155, 181) }
```

Border

The CSS property to change the border of an element to Yxy 36.9692, 0.3172, 0.2945 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(184, 155, 181) }
```

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

```
.border{ border-color:rgb(184, 155, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 155, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 155, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 155, 181);  
box-shadow:4px 4px 4px 4px rgb(184, 155,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9692, 0.3172, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 155, 181) }
```

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

```
.background{ background-color: rgb(184,  
155, 181) }
```

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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