

Converting Colors

$Yxy(36.8281, 0.3336, 0.3153)$

Have a look what the booklet for
Yxy(36.8281, 0.3336, 0.3153)
contains.

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Color

Yxy(36.9692, 0.3331, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	BA9CA6
RGB	186, 156, 166
RGB Percent	73%, 61%, 65%
CMY	0.2706, 0.3882, 0.3491
CMYK	0.00, 0.16, 0.11, 0.27
HSL	340°, 18%, 67%
HSV	340°, 16%, 73%
XYZ	39.0191, 36.9692, 41.1511
YIQ	166.1100, 14.6700, 9.4700

Conversions

Conversions Part 2

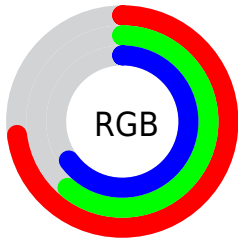
Format	Color
RYB	186, 156, 166
Decimal	12229798
CIELab	67.25, 12.75, -1.06
CIELCh	67, 12.797, 355.251
Yxy	36.9692, 0.3331, 0.3156
Android (android.graphics.Color)	4290419878 (0xFFBA9CA6)
YUV	166.1100, -0.0542, 17.4435
Hunter-Lab	60.8023, 8.1462, 2.4341

Details

The Yxy color **36.9692, 0.3331, 0.3156** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.3189, 0.2958, 0.3428**, and the grayscale version is **38.1845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6862, 0.3289, 0.3186**, and **16.3046, 0.3403, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **30.7654, 0.3495, 0.3067**, and if you desaturate by 10%, it is **44.1761, 0.3197, 0.3241**.

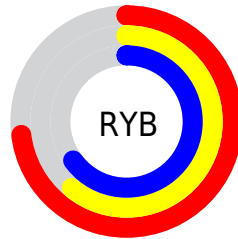
Distribution



Red (73%)

Green (61%)

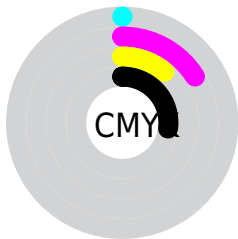
Blue (65%)



Red (73%)

Yellow (61%)

Blue (65%)

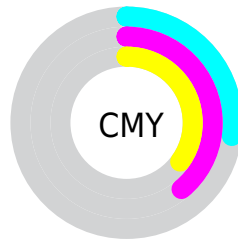


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9692, 0.3331, 0.3156 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, 0.3331, 0.3156 by changing the saturation by 10% instead.


 36.9692, 0.3331,
0.3156


 36.9692, 0.3331,
0.3156


333.1772, 0.3225,
0.3225

 25.1836, 0.3359,
0.3138


 70.5254, 0.3292,
0.3182

 16.2139, 0.3395,
0.3114


 93.0649, 0.3277,
0.3191

 9.6757, 0.3445,
0.3082


119.9577, 0.3265,
0.3199

 5.1844, 0.3518,
0.3035

151.5884, 0.3255,
0.3206

 2.3559, 0.3634,
0.2961

188.3413, 0.3246,
0.3212

 0.8031, 0.3851,
0.2819

230.6008, 0.3238,

 0.0000, 1.0000,

0.3217

0.0000

278.7513, 0.3231,
0.3221

0.0000, 0.0000,
0.0000

36.9692, 0.3331,
0.3156

36.9692, 0.3331,
0.3156

30.7654, 0.3495,
0.3067

44.1761, 0.3197,
0.3241

25.5150, 0.3693,
0.2978

52.4228, 0.3087,
0.3320

21.1719, 0.3930,
0.2892

61.7504, 0.2998,
0.3393

17.6838, 0.4209,
0.2818

72.1962, 0.2924,
0.3461

14.9932, 0.4524,
0.2766

83.7957, 0.2864,
0.3522

■ 13.0354, 0.4865,
0.2748

■ 88.2754, 0.2804,
0.3447

■ 11.7354, 0.5209,
0.2775

■ 89.0400, 0.2742,
0.3312

■ 10.9970, 0.5527,
0.2849

■ 89.1783, 0.2731,
0.3289

■ 10.7853, 0.5643,
0.2883

Harmonies

Analogous

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



36.9692, 0.3141, 0.3030



36.9692, 0.3331, 0.3156



36.9692, 0.3468, 0.3317

Triad

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



36.9692, 0.3331, 0.3156



36.9692, 0.3296, 0.3631



36.9692, 0.2758, 0.3087

Complementary

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



36.9692, 0.3331, 0.3156



45.3189, 0.2958, 0.3428

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, 0.2798, 0.3248



36.9692, 0.3331, 0.3156



36.9692, 0.3104, 0.3571

Square

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



36.9692, 0.3331, 0.3156



36.9692, 0.3446, 0.3594



36.9692, 0.2923, 0.3427



36.9692, 0.2814, 0.2987

Rectangle

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



36.9692, 0.3331, 0.3156



36.9692, 0.3508, 0.3426



36.9692, 0.2923, 0.3427



36.9692, 0.2761, 0.3135

Sweetspot

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



36.9708, 0.3331, 0.3156



81.5420, 0.3184, 0.3249



36.5545, 0.3051, 0.2886



17.7373, 0.3193, 0.3244



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.



36.9708, 0.3331, 0.3156



63.2325, 0.3380, 0.3128



38.3306, 0.3417, 0.3359



9.0602, 0.3237, 0.3214



7.2691, 0.5609, 0.2864



0.2680, 0.4869, 0.2456

Inverse Universe

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



36.9708, 0.3331, 0.3156



63.2325, 0.3380, 0.3128



43.6598, 0.2884, 0.3220



9.0602, 0.3237, 0.3214



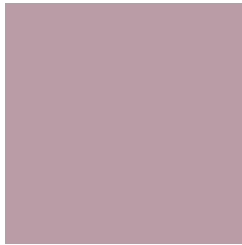
7.2691, 0.5609, 0.2864



0.2680, 0.4869, 0.2456

Previews

White Background



This preview shows how the Yxy color 36.9692, 0.3331, 0.3156 looks on a white background.

Color Contrast Check

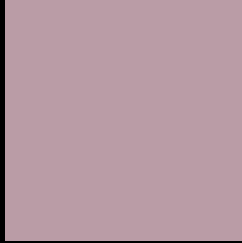
Large Text (above 18pt) WCAG AA × Fail

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, 0.3331, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

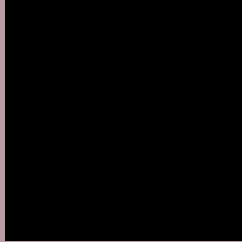
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9692, 0.3331, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 36.9692, 0.3331, 0.3156.



This preview shows how white text looks on a background with the Yxy color 36.9692, 0.3331, 0.3156.

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, 0.3331, 0.3156

Protanopia

37.0960, 0.3085, 0.3191

Deuteranopia

37.0966, 0.3267, 0.3208



Tritanopia

37.0432, 0.3312, 0.3129

Trichromacy



Original Color

36.9692, 0.3331, 0.3156

Protanomaly

36.8904, 0.3171, 0.3165

Deuteranomaly

37.1154, 0.3298, 0.3195

Tritanomaly

37.0061, 0.3321, 0.3143

Monochromacy



Original Color

36.9692, 0.3331, 0.3156

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.4781, 0.3196, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9692, 0.3331, 0.3156 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(186, 156, 166)` looks like.

```
.text, #text, p{  
    color:rgb(186, 156, 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(186, 156, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 156, 166) }
```

Border

The CSS property to change the border of an element to Yxy 36.9692, 0.3331, 0.3156 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(186, 156, 166) }
```

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

```
.border{ border-color:rgb(186, 156, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 156, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 156, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 156, 166);  
box-shadow:4px 4px 4px 4px rgb(186, 156,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9692, 0.3331, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 156, 166) }
```

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

```
.background{ background-color: rgb(186,  
156, 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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