

Converting Colors

$Yxy(36.3659, 0.3323, 0.3045)$

Have a look what the booklet for
Yxy(36.3659, 0.3323, 0.3045)
contains.

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Color

Yxy(36.2156, 0.3319, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	BD98AB
RGB	189, 152, 171
RGB Percent	74%, 60%, 67%
CMY	0.2588, 0.4039, 0.3294
CMYK	0.00, 0.20, 0.10, 0.26
HSL	329°, 22%, 67%
HSV	329°, 20%, 74%
XYZ	39.5654, 36.2156, 43.4277
YIQ	165.2290, 15.9530, 13.7530

Conversions

Conversions Part 2

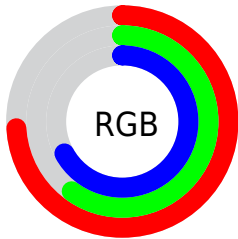
Format	Color
RYB	189, 152, 171
Decimal	12425387
CIELab	66.68, 16.93, -4.66
CIELCh	67, 17.564, 344.613
Yxy	36.2156, 0.3319, 0.3038
Android (android.graphics.Color)	4290615467 (0xFFBD98AB)
YUV	165.2290, 2.8451, 20.8472
Hunter-Lab	60.1794, 12.0421, -0.6603

Details

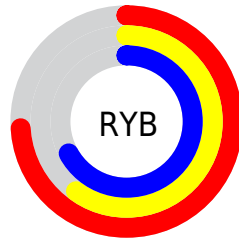
The Yxy color **36.2156, 0.3319, 0.3038** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.9766, 0.2971, 0.3557**, and the grayscale version is **37.7236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2264, 0.3288, 0.3084**, and **15.7902, 0.3371, 0.2961** is the 20% darker color. If you saturate the color by 10%, you get **30.2240, 0.3446, 0.2902**, and if you desaturate by 10%, it is **43.2125, 0.3212, 0.3170**.

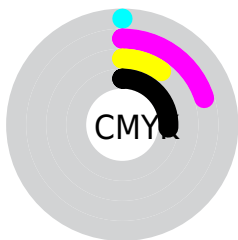
Distribution



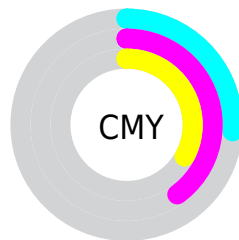
- Red (74%)
- Green (60%)
- Blue (67%)



- Red (74%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (20%)
- Yellow (10%)
- Black (26%)





- Cyan (26%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2156, 0.3319, 0.3038 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 36.2156, 0.3319, 0.3038 by changing the saturation by 10% instead.

 36.2156, 0.3319,
0.3038

 36.2156, 0.3319,
0.3038

329.9019, 0.3220,
0.3167

 24.6008, 0.3345,
0.3005


 69.3647, 0.3282,
0.3086

 15.7799, 0.3378,
0.2962


 91.6678, 0.3269,
0.3103

 9.3685, 0.3424,
0.2903


118.3023, 0.3258,
0.3118

 4.9823, 0.3490,
0.2819

149.6528, 0.3248,
0.3131

 2.2369, 0.3594,
0.2690

186.1036, 0.3240,
0.3142

 0.7400, 0.3789,
0.2443

228.0392, 0.3232,

 0.0000, 1.0000,


0.3151

0.0000


275.8438, 0.3226,
0.3160


 0.0000, 0.0000,
0.0000


 36.2156, 0.3319,
0.3038


 36.2156, 0.3319,
0.3038


 30.2240, 0.3446,
0.2902


 43.2125, 0.3212,
0.3170

 25.1862, 0.3597,
0.2767

 51.2534, 0.3124,
0.3295


 21.0533, 0.3773,
0.2639

 60.3811, 0.3050,
0.3412

 17.7702, 0.3973,
0.2529

 70.6342, 0.2990,
0.3521

 15.2757, 0.4194,
0.2447

 82.0498, 0.2940,
0.3620

■ 13.5003, 0.4428,
0.2407

■ 87.8418, 0.2893,
0.3605

■ 12.3620, 0.4666,
0.2417

■ 88.3613, 0.2845,
0.3502

■ 11.7070, 0.4897,
0.2474

■ 88.9083, 0.2799,
0.3401

■ 11.6823, 0.4907,
0.2477

■ 89.4833, 0.2753,
0.3302

Harmonies

Analogous

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



36.2156, 0.3048, 0.2895



36.2156, 0.3319, 0.3038



36.2156, 0.3545, 0.3243

Triad

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



36.2156, 0.3319, 0.3038



36.2156, 0.3442, 0.3760



36.2156, 0.2627, 0.3076

Complementary

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



36.2156, 0.3319, 0.3038



45.9766, 0.2971, 0.3557

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.



36.2156, 0.2723, 0.3317



36.2156, 0.3319, 0.3038



36.2156, 0.3189, 0.3729

Square

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



36.2156, 0.3319, 0.3038



36.2156, 0.3616, 0.3659



36.2156, 0.2926, 0.3563



36.2156, 0.2657, 0.2908

Rectangle

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



36.2156, 0.3319, 0.3038



36.2156, 0.3634, 0.3394



36.2156, 0.2926, 0.3563



36.2156, 0.2645, 0.3151

Sweetspot

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



36.2172, 0.3319, 0.3038



82.1849, 0.3180, 0.3214



34.6657, 0.2969, 0.2784



17.4770, 0.3186, 0.3206



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.



36.2172, 0.3319, 0.3038



60.5851, 0.3365, 0.2987



35.5647, 0.3502, 0.3283



9.6159, 0.3210, 0.3173



7.8752, 0.4879, 0.2462



0.3217, 0.4375, 0.2184

Inverse Universe

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



36.2172, 0.3319, 0.3038



60.5851, 0.3365, 0.2987



46.7213, 0.2842, 0.3298



9.6159, 0.3210, 0.3173



7.8752, 0.4879, 0.2462



0.3217, 0.4375, 0.2184

Previews

White Background



This preview shows how the Yxy color 36.2156, 0.3319, 0.3038 looks on a white background.

Color Contrast Check

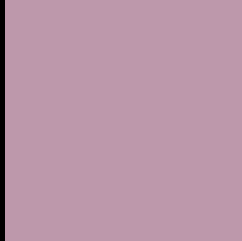
Large Text (above 18pt) WCAG AA × Fail

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 36.2156, 0.3319, 0.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

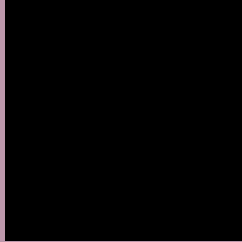
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2156, 0.3319, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 36.2156, 0.3319, 0.3038.



This preview shows how white text looks on a background with the Yxy color 36.2156, 0.3319, 0.3038.

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

36.2156, 0.3319, 0.3038

Protanopia

36.2411, 0.2989, 0.3062

Deuteranopia

36.4700, 0.3183, 0.3124



Tritanopia

36.1904, 0.3366, 0.3129

Trichromacy



Original Color

36.2156, 0.3319, 0.3038

Protanomaly

36.2068, 0.3100, 0.3053

Deuteranomaly

36.3825, 0.3234, 0.3099

Tritanomaly

36.2639, 0.3346, 0.3103

Monochromacy



Original Color

36.2156, 0.3319, 0.3038

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.9303, 0.3199, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2156, 0.3319, 0.3038 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(189, 152, 171)` looks like.

```
.text, #text, p{  
    color:rgb(189, 152, 171)  
}
```

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(189, 152, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 152, 171) }
```

Border

The CSS property to change the border of an element to Yxy 36.2156, 0.3319, 0.3038 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(189, 152, 171) }
```

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

```
.border{ border-color:rgb(189, 152, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 152, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 152, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 152, 171);  
box-shadow:4px 4px 4px 4px rgb(189, 152,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2156, 0.3319, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 152, 171) }
```

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

```
.background{ background-color: rgb(189,  
152, 171) }
```

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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