

Converting Colors

$Yxy(35.5546, 0.3321, 0.3029)$

Have a look what the booklet for
Yxy(35.5546, 0.3321, 0.3029)
contains.

Yxy(35.4063, 0.3321, 0.3023)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.4063, 0.3321, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	BC96AA
RGB	188, 150, 170
RGB Percent	74%, 59%, 67%
CMY	0.2629, 0.4117, 0.3333
CMYK	0.00, 0.20, 0.10, 0.26
HSL	328°, 22%, 66%
HSV	328°, 20%, 74%
XYZ	38.8966, 35.4063, 42.8202
YIQ	163.6420, 16.2280, 14.2760

Conversions

Conversions Part 2

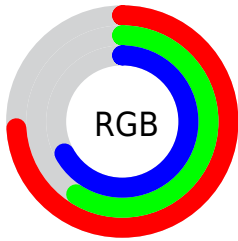
Format	Color
R_{YB}	188, 150, 170
Decimal	12359338
CIE _{Lab}	66.06, 17.49, -5.04
CIE _{LCh}	66, 18.205, 343.926
Yxy	35.4063, 0.3321, 0.3023
Android (android.graphics.Color)	4290549418 (0xFFBC96AA)
YUV	163.6420, 3.1345, 21.3620
Hunter-Lab	59.5032, 12.5529, -1.0145

Details

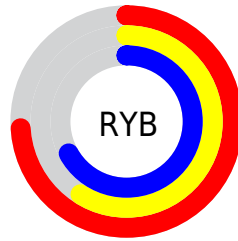
The Yxy color **35.4063, 0.3321, 0.3023** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.2658, 0.2970, 0.3573**, and the grayscale version is **36.9246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0345, 0.3290, 0.3073**, and **15.3000, 0.3376, 0.2941** is the 20% darker color. If you saturate the color by 10%, you get **29.5563, 0.3446, 0.2884**, and if you desaturate by 10%, it is **42.2446, 0.3216, 0.3159**.

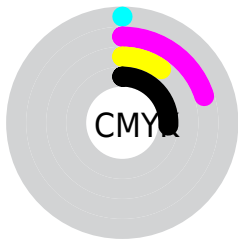
Distribution



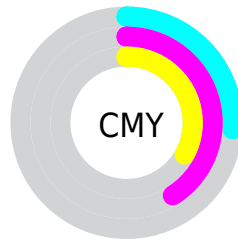
- Red (74%)
- Green (59%)
- Blue (67%)



- Red (74%)
- Yellow (59%)
- Blue (67%)



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





- Cyan (26%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4063, 0.3321, 0.3023 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 35.4063, 0.3321, 0.3023 by changing the saturation by 10% instead.


 35.4063, 0.3321,
0.3023


 35.4063, 0.3321,
0.3023


326.3581, 0.3221,
0.3160

 23.9760, 0.3347,
0.2988


 68.1147, 0.3284,
0.3074

 15.3158, 0.3381,
0.2942


 90.1616, 0.3270,
0.3092

 9.0413, 0.3428,
0.2879


116.5162, 0.3259,
0.3108

 4.7682, 0.3495,
0.2789

147.5629, 0.3249,
0.3122

 2.1119, 0.3601,
0.2650

183.6860, 0.3241,
0.3133

 0.6713, 0.3815,
0.2360

225.2700, 0.3233,


 0.0000, 1.0000,

0.3143


0.0000


272.6992, 0.3227,
0.3152

 0.0000, 0.0000,
0.0000


 35.4063, 0.3321,
0.3023


 35.4063, 0.3321,
0.3023

 29.5563, 0.3446,
0.2884


 42.2446, 0.3216,
0.3159

 24.6435, 0.3594,
0.2745


 50.1095, 0.3129,
0.3288


 20.6196, 0.3765,
0.2615

 59.0433, 0.3056,
0.3408

 17.4298, 0.3960,
0.2503

 69.0843, 0.2996,
0.3520

 15.0135, 0.4174,
0.2421

 80.2689, 0.2947,
0.3623

■ 13.3015, 0.4400,
0.2380

■ 87.5556, 0.2902,
0.3637

■ 12.2121, 0.4629,
0.2390

■ 88.0491, 0.2856,
0.3537

■ 11.5893, 0.4848,
0.2444

■ 88.5682, 0.2810,
0.3438

■ 89.1132, 0.2766,
0.3342

Harmonies

Analogous

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



35.4063, 0.3037, 0.2877



35.4063, 0.3321, 0.3023



35.4063, 0.3559, 0.3235

Triad

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



35.4063, 0.3321, 0.3023



35.4063, 0.3461, 0.3780



35.4063, 0.2607, 0.3071

Complementary

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



35.4063, 0.3321, 0.3023



45.2658, 0.2970, 0.3573

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.



35.4063, 0.2709, 0.3324



35.4063, 0.3321, 0.3023



35.4063, 0.3197, 0.3752

Square

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



35.4063, 0.3321, 0.3023



35.4063, 0.3640, 0.3670



35.4063, 0.2923, 0.3581



35.4063, 0.2635, 0.2894

Rectangle

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



35.4063, 0.3321, 0.3023



35.4063, 0.3655, 0.3392



35.4063, 0.2923, 0.3581



35.4063, 0.2627, 0.3150

Sweetspot

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



35.4079, 0.3321, 0.3023



82.1968, 0.3178, 0.3212



33.7420, 0.2957, 0.2766



17.4799, 0.3184, 0.3204



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.



35.4079, 0.3321, 0.3023



59.5245, 0.3371, 0.2965



34.7486, 0.3509, 0.3274



9.6181, 0.3208, 0.3170



7.9084, 0.4822, 0.2430



0.3229, 0.4335, 0.2162

Inverse Universe

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



35.4079, 0.3321, 0.3023



59.5245, 0.3371, 0.2965



46.0149, 0.2838, 0.3307



9.6181, 0.3208, 0.3170



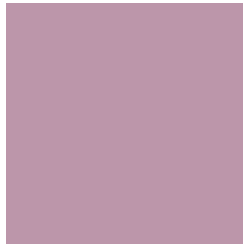
7.9084, 0.4822, 0.2430



0.3229, 0.4335, 0.2162

Previews

White Background



This preview shows how the Yxy color 35.4063, 0.3321, 0.3023 looks on a white background.

Color Contrast Check

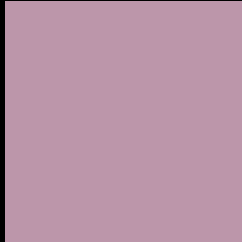
Large Text (above 18pt) WCAG AA × Fail

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 35.4063, 0.3321, 0.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

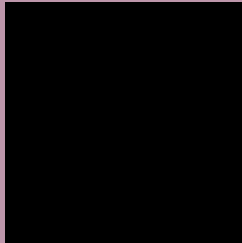
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4063, 0.3321, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 35.4063, 0.3321, 0.3023.



This preview shows how white text looks on a background with the Yxy color 35.4063, 0.3321, 0.3023.

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

35.4063, 0.3321, 0.3023

Protanopia

35.6471, 0.2980, 0.3060

Deuteranopia

35.5257, 0.3175, 0.3108



Tritanopia

35.3424, 0.3379, 0.3128

Trichromacy



Original Color

35.4063, 0.3321, 0.3023

Protanomaly

35.3790, 0.3100, 0.3038

Deuteranomaly

35.4408, 0.3226, 0.3083

Tritanomaly

35.4512, 0.3349, 0.3088

Monochromacy



Original Color

35.4063, 0.3321, 0.3023

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.4337, 0.3199, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4063, 0.3321, 0.3023 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, 150, 170)` looks like.

```
.text, #text, p{  
    color:rgb(188, 150, 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(188, 150, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 150, 170) }
```

Border

The CSS property to change the border of an element to Yxy 35.4063, 0.3321, 0.3023 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, 150, 170) }
```

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

```
.border{ border-color:rgb(188, 150, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 150, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 150, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 150, 170);  
box-shadow:4px 4px 4px 4px rgb(188, 150,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4063, 0.3321, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 150, 170) }
```

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

```
.background{ background-color: rgb(188,  
150, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor