

Converting Colors

$Yxy(33.5441, 0.3357, 0.3007)$

Have a look what the booklet for
Yxy(33.5441, 0.3357, 0.3007)
contains.

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Color

Yxy(33.5688, 0.3359, 0.3007)

Conversions

Conversions Part 1

Format	Color
Hex	BB91A6
RGB	187, 145, 166
RGB Percent	73%, 57%, 65%
CMY	0.2667, 0.4313, 0.3491
CMYK	0.00, 0.22, 0.11, 0.27
HSL	330°, 24%, 65%
HSV	330°, 22%, 73%
XYZ	37.4984, 33.5688, 40.5683
YIQ	159.9520, 18.2910, 15.4350

Conversions

Conversions Part 2

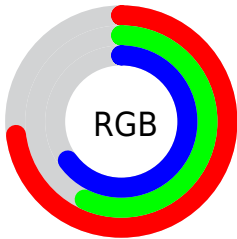
Format	Color
R_{YB}	187, 145, 166
Decimal	12292518
CIE Lab	64.62, 19.22, -4.92
CIE LCh	65, 19.838, 345.650
Yxy	33.5688, 0.3359, 0.3007
Android (android.graphics.Color)	4290482598 (0xFFBB91A6)
YUV	159.9520, 2.9817, 23.7211
Hunter-Lab	57.9386, 14.1343, -0.9576

Details

The Yxy color **33.5688, 0.3359, 0.3007** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.3116, 0.2945, 0.3592**, and the grayscale version is **35.1104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3004, 0.3317, 0.3061**, and **14.2069, 0.3432, 0.2917** is the 20% darker color. If you saturate the color by 10%, you get **27.9867, 0.3497, 0.2874**, and if you desaturate by 10%, it is **40.1195, 0.3244, 0.3137**.

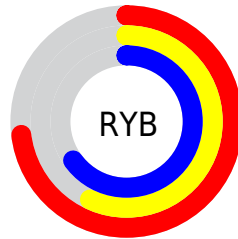
Distribution



Red (73%)

Green (57%)

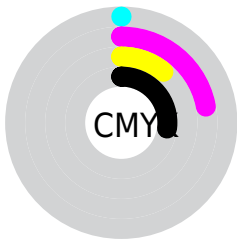
Blue (65%)



Red (73%)

Yellow (57%)

Blue (65%)

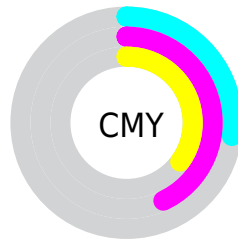


Cyan (0%)

Magenta (22%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (43%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5688, 0.3359, 0.3007 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 33.5688, 0.3359, 0.3007 by changing the saturation by 10% instead.


 33.5688, 0.3359,
0.3007


 33.5688, 0.3359,
0.3007


318.2050, 0.3238,
0.3153

 22.5625, 0.3391,
0.2969


 65.2626, 0.3314,
0.3061

 14.2708, 0.3433,
0.2919


 86.7188, 0.3297,
0.3081

 8.3093, 0.3491,
0.2851


112.4272, 0.3283,
0.3098

 4.2935, 0.3575,
0.2752

142.7722, 0.3272,
0.3112

 1.8390, 0.3711,
0.2596

178.1380, 0.3262,
0.3125

 0.5113, 0.4048,
0.2156


218.9092, 0.3253,


 0.0000, 0.0000,


0.3136


0.0000


265.4701, 0.3245,
0.3145

 33.5688, 0.3359,
0.3007


 33.5688, 0.3359,
0.3007


 27.9867, 0.3497,
0.2874


 40.1195, 0.3244,
0.3137


 23.3221, 0.3659,
0.2744


 47.6776, 0.3148,
0.3261


 19.5262, 0.3848,
0.2623

 56.2853, 0.3069,
0.3377

 16.5436, 0.4061,
0.2523

 65.9809, 0.3003,
0.3485

 14.3128, 0.4295,
0.2455

 76.8011, 0.2949,
0.3584

■ 12.7631, 0.4539,
0.2431

■ 87.3649, 0.2903,
0.3652

■ 11.8099, 0.4783,
0.2459

■ 87.8813, 0.2855,
0.3546

■ 11.3609, 0.4963,
0.2508

■ 88.4260, 0.2807,
0.3442

■ 88.9994, 0.2760,
0.3340

Harmonies

Analogous

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



33.5688, 0.3045, 0.2841



33.5688, 0.3359, 0.3007



33.5688, 0.3619, 0.3243

Triad

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



33.5688, 0.3359, 0.3007



33.5688, 0.3481, 0.3837



33.5688, 0.2550, 0.3032

Complementary

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



33.5688, 0.3359, 0.3007



44.3116, 0.2945, 0.3592

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.



33.5688, 0.2655, 0.3309



33.5688, 0.3359, 0.3007



33.5688, 0.3185, 0.3798

Square

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



33.5688, 0.3359, 0.3007



33.5688, 0.3688, 0.3720



33.5688, 0.2884, 0.3599



33.5688, 0.2590, 0.2844

Rectangle

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



33.5688, 0.3359, 0.3007



33.5688, 0.3719, 0.3415



33.5688, 0.2884, 0.3599



33.5688, 0.2569, 0.3117

Sweetspot

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



33.5703, 0.3359, 0.3007



78.8571, 0.3190, 0.3204



31.9489, 0.2948, 0.2705



17.1859, 0.3196, 0.3196



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.



33.5703, 0.3359, 0.3007



54.9324, 0.3425, 0.2941



32.8626, 0.3579, 0.3291



9.6137, 0.3212, 0.3176



7.8432, 0.4937, 0.2493



0.3204, 0.4416, 0.2206

Inverse Universe

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



33.5703, 0.3359, 0.3007



54.9324, 0.3425, 0.2941



45.1450, 0.2799, 0.3289



9.6137, 0.3212, 0.3176



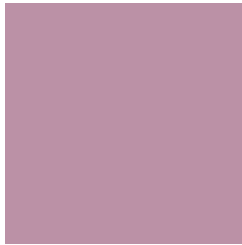
7.8432, 0.4937, 0.2493



0.3204, 0.4416, 0.2206

Previews

White Background



This preview shows how the Yxy color 33.5688, 0.3359, 0.3007 looks on a white background.

Color Contrast Check

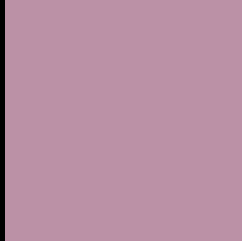
Large Text (above 18pt) WCAG AA × Fail

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 33.5688, 0.3359, 0.3007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

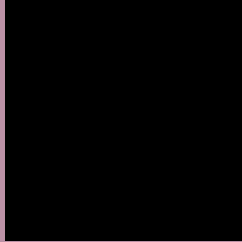
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5688, 0.3359, 0.3007

Background



This preview shows how black text looks on a background with the Yxy color 33.5688, 0.3359, 0.3007.



This preview shows how white text looks on a background with the Yxy color 33.5688, 0.3359, 0.3007.

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

33.5688, 0.3359, 0.3007

Protanopia

33.7626, 0.2968, 0.3041

Deuteranopia

33.6081, 0.3176, 0.3104



Tritanopia

33.4655, 0.3429, 0.3126

Trichromacy



Original Color

33.5688, 0.3359, 0.3007

Protanomaly

33.5742, 0.3110, 0.3033

Deuteranomaly

33.4416, 0.3250, 0.3066

Tritanomaly

33.5701, 0.3398, 0.3086

Monochromacy



Original Color

33.5688, 0.3359, 0.3007

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.5974, 0.3211, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5688, 0.3359, 0.3007 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(187, 145, 166)` looks like.

```
.text, #text, p{  
    color:rgb(187, 145, 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(187, 145, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 145, 166) }
```

Border

The CSS property to change the border of an element to Yxy 33.5688, 0.3359, 0.3007 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(187, 145, 166) }
```

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

```
.border{ border-color:rgb(187, 145, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 145, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 145, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 145, 166); box-shadow:4px 4px 4px 4px rgb(187, 145, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5688, 0.3359, 0.3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 145, 166) }
```

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

```
.background{ background-color: rgb(187,  
145, 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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