

Converting Colors

$Yxy(33.8928, 0.3361, 0.3064)$

Have a look what the booklet for
Yxy(33.8928, 0.3361, 0.3064)
contains.

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Color

Yxy(33.8621, 0.3355, 0.3059)

Conversions

Conversions Part 1

Format	Color
Hex	B993A4
RGB	185, 147, 164
RGB Percent	73%, 58%, 64%
CMY	0.2746, 0.4235, 0.3569
CMYK	0.00, 0.21, 0.11, 0.27
HSL	333°, 21%, 65%
HSV	333°, 21%, 73%
XYZ	37.1387, 33.8621, 39.6958
YIQ	160.3000, 17.1910, 13.3430

Conversions

Conversions Part 2

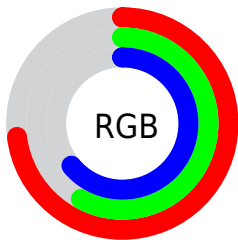
Format	Color
R_{YB}	185, 147, 164
Decimal	12161956
CIE _{Lab}	64.85, 17.03, -3.47
CIE _{LCh}	65, 17.385, 348.473
Yxy	33.8621, 0.3355, 0.3059
Android (android.graphics.Color)	4290352036 (0xFFB993A4)
YUV	160.3000, 1.8241, 21.6619
Hunter-Lab	58.1912, 12.0876, 0.2884

Details

The Yxy color **33.8621, 0.3355, 0.3059** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.7234, 0.2946, 0.3533**, and the grayscale version is **35.2851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5885, 0.3307, 0.3101**, and **14.3609, 0.3426, 0.2988** is the 20% darker color. If you saturate the color by 10%, you get **28.2103, 0.3502, 0.2940**, and if you desaturate by 10%, it is **40.4718, 0.3233, 0.3175**.

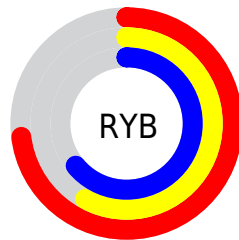
Distribution



Red (73%)

Green (58%)

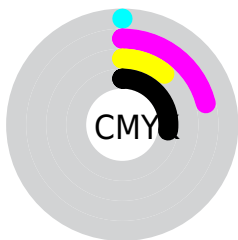
Blue (64%)



Red (73%)

Yellow (58%)

Blue (64%)

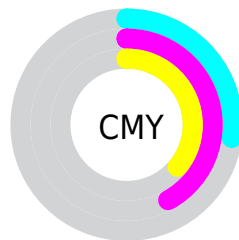


Cyan (0%)

Magenta (21%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (42%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.8621, 0.3355, 0.3059 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 33.8621, 0.3355, 0.3059 by changing the saturation by 10% instead.


 33.8621, 0.3355,
0.3059


 33.8621, 0.3355,
0.3059


319.5167, 0.3236,
0.3179

 22.7877, 0.3387,
0.3028


 65.7192, 0.3310,
0.3104

 14.4368, 0.3428,
0.2986


 87.2706, 0.3294,
0.3120

 8.4251, 0.3486,
0.2930


113.0832, 0.3280,
0.3134

 4.3681, 0.3570,
0.2847

143.5413, 0.3269,
0.3146

 1.8816, 0.3707,
0.2717

179.0293, 0.3259,
0.3156

 0.5373, 0.4050,
0.2342

219.9316, 0.3250,

 0.0000, 0.0000,

0.3164

0.0000

266.6326, 0.3243,
0.3172

■ 33.8621, 0.3355,
0.3059

■ 33.8621, 0.3355,
0.3059

■ 28.2103, 0.3502,
0.2940

■ 40.4718, 0.3233,
0.3175

■ 23.4670, 0.3677,
0.2822

■ 48.0766, 0.3132,
0.3284

■ 19.5852, 0.3882,
0.2711

■ 56.7175, 0.3049,
0.3387

■ 16.5120, 0.4118,
0.2618

■ 66.4316, 0.2980,
0.3481

■ 14.1884, 0.4378,
0.2554

■ 77.2543, 0.2924,
0.3568

■ 12.5473, 0.4655,
0.2532

■ 87.2881, 0.2875,
0.3616

■ 11.5095, 0.4931,
0.2561

■ 87.8644, 0.2823,
0.3501

■ 10.9326, 0.5183,
0.2629

■ 88.4746, 0.2771,
0.3388

■ 89.0525, 0.2726,
0.3289

Harmonies

Analogous

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



33.8621, 0.3082, 0.2905



33.8621, 0.3355, 0.3059



33.8621, 0.3572, 0.3272

Triad

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



33.8621, 0.3355, 0.3059



33.8621, 0.3416, 0.3770



33.8621, 0.2618, 0.3047

Complementary

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



33.8621, 0.3355, 0.3059



43.7234, 0.2946, 0.3533

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.



33.8621, 0.2699, 0.3284



33.8621, 0.3355, 0.3059



33.8621, 0.3154, 0.3720

Square

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



33.8621, 0.3355, 0.3059



33.8621, 0.3606, 0.3682



33.8621, 0.2893, 0.3537



33.8621, 0.2665, 0.2889

Rectangle

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



33.8621, 0.3355, 0.3059



33.8621, 0.3651, 0.3424



33.8621, 0.2893, 0.3537



33.8621, 0.2631, 0.3119

Sweetspot

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



33.8636, 0.3355, 0.3059



78.3072, 0.3186, 0.3224



32.6869, 0.2984, 0.2762



16.6947, 0.3192, 0.3217



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.



33.8636, 0.3355, 0.3059



55.5085, 0.3423, 0.3001



33.8860, 0.3525, 0.3318



9.0772, 0.3220, 0.3188



7.4596, 0.5152, 0.2612



0.2755, 0.4526, 0.2267

Inverse Universe

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



33.8636, 0.3355, 0.3059



55.5085, 0.3423, 0.3001



43.6092, 0.2823, 0.3262



9.0772, 0.3220, 0.3188



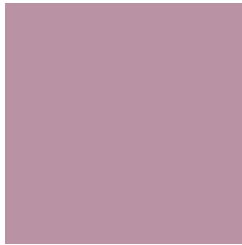
7.4596, 0.5152, 0.2612



0.2755, 0.4526, 0.2267

Previews

White Background



This preview shows how the Yxy color 33.8621, 0.3355, 0.3059 looks on a white background.

Color Contrast Check

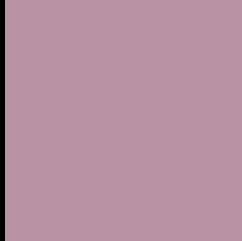
Large Text (above 18pt) WCAG AA × Fail

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 33.8621, 0.3355, 0.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

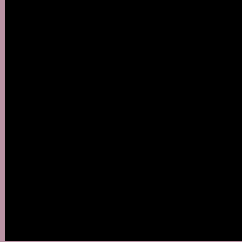
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.8621, 0.3355, 0.3059

Background



This preview shows how black text looks on a background with the Yxy color 33.8621, 0.3355, 0.3059.



This preview shows how white text looks on a background with the Yxy color 33.8621, 0.3355, 0.3059.

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

33.8621, 0.3355, 0.3059

Protanopia

34.1843, 0.3012, 0.3100

Deuteranopia

33.9729, 0.3204, 0.3147



Tritanopia

33.8734, 0.3393, 0.3139

Trichromacy



Original Color

33.8621, 0.3355, 0.3059

Protanomaly

33.8251, 0.3127, 0.3076

Deuteranomaly

33.8915, 0.3256, 0.3121

Tritanomaly

33.9434, 0.3373, 0.3112

Monochromacy



Original Color

33.8621, 0.3355, 0.3059

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.4509, 0.3210, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.8621, 0.3355, 0.3059 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(185, 147, 164)` looks like.

```
.text, #text, p{  
    color:rgb(185, 147, 164)  
}
```

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(185, 147, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 147, 164) }
```

Border

The CSS property to change the border of an element to Yxy 33.8621, 0.3355, 0.3059 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(185, 147, 164) }
```

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

```
.border{ border-color:rgb(185, 147, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 147, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 147, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 147, 164);  
box-shadow:4px 4px 4px 4px rgb(185, 147,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 33.8621, 0.3355, 0.3059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 147, 164) }
```

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

```
.background{ background-color: rgb(185,  
147, 164) }
```

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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