

Converting Colors

Yxy(33.2817, 0.3348, 0.3018)

Have a look what the booklet for
Yxy(33.2817, 0.3348, 0.3018)
contains.

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Color

Yxy(33.2817, 0.3348, 0.3018)

Conversions

Conversions Part 1

Format	Color
Hex	B991A5
RGB	185, 145, 165
RGB Percent	73%, 57%, 65%
CMY	0.2746, 0.4313, 0.3529
CMYK	0.00, 0.22, 0.11, 0.27
HSL	330°, 22%, 65%
HSV	330°, 22%, 73%
XYZ	36.9209, 33.2817, 40.0748
YIQ	159.2400, 17.4200, 14.7000

Conversions

Conversions Part 2

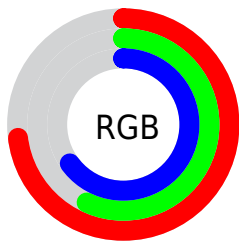
Format	Color
R _Y B	185, 145, 165
Decimal	12161445
CIE Lab	64.39, 18.32, -4.73
CIE LCh	64, 18.921, 345.529
Yxy	33.2817, 0.3348, 0.3018
Android (android.graphics.Color)	4290351525 (0xFFB991A5)
YUV	159.2400, 2.8397, 22.5915
Hunter-Lab	57.6903, 13.2791, -0.8028

Details

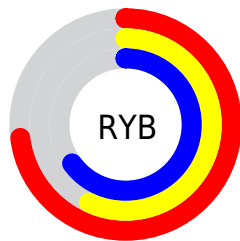
The Yxy color **33.2817, 0.3348, 0.3018** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.4272, 0.2952, 0.3579**, and the grayscale version is **34.7675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.7149, 0.3302, 0.3069**, and **14.0230, 0.3417, 0.2932** is the 20% darker color. If you saturate the color by 10%, you get **27.7575, 0.3483, 0.2885**, and if you desaturate by 10%, it is **39.7537, 0.3235, 0.3148**.

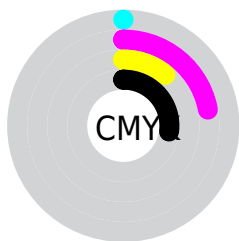
Distribution



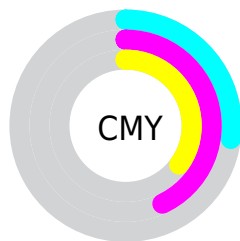
- Red (73%)
- Green (57%)
- Blue (65%)



- 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 33.2817, 0.3348, 0.3018 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 33.2817, 0.3348, 0.3018 by changing the saturation by 10% instead.


 33.2817, 0.3348,
0.3018

 33.2817, 0.3348,
0.3018


316.9172, 0.3233,
0.3159

 22.3423, 0.3378,
0.2981


 64.8151, 0.3305,
0.3070

 14.1087, 0.3419,
0.2933


 86.1779, 0.3289,
0.3090

 8.1963, 0.3474,
0.2867


111.7840, 0.3276,
0.3106

 4.2208, 0.3555,
0.2771

142.0177, 0.3265,
0.3120

 1.7978, 0.3686,
0.2619

177.2635, 0.3255,
0.3132

 0.4858, 0.4037,
0.2153

217.9057, 0.3247,

 0.0000, 0.0000,

0.3142

0.0000

264.3288, 0.3239,
0.3151

■ 33.2817, 0.3348,
0.3018

■ 33.2817, 0.3348,
0.3018

■ 27.7575, 0.3483,
0.2885

■ 39.7537, 0.3235,
0.3148

■ 23.1316, 0.3643,
0.2754

■ 47.2110, 0.3141,
0.3271

■ 19.3568, 0.3829,
0.2633

■ 55.6945, 0.3063,
0.3386

■ 16.3797, 0.4040,
0.2530

■ 65.2414, 0.2998,
0.3494

■ 14.1410, 0.4271,
0.2458

■ 75.8871, 0.2945,
0.3592

■ 12.5726, 0.4515,
0.2430

■ 87.0250, 0.2901,
0.3672

■ 11.5939, 0.4759,
0.2453

■ 87.5301, 0.2853,
0.3567

■ 11.0935, 0.4959,
0.2506

■ 88.0628, 0.2805,
0.3463

■ 88.6234, 0.2759,
0.3362

Harmonies

Analogous

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



33.2817, 0.3047, 0.2859



33.2817, 0.3348, 0.3018



33.2817, 0.3596, 0.3244

Triad

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



33.2817, 0.3348, 0.3018



33.2817, 0.3468, 0.3813



33.2817, 0.2574, 0.3045

Complementary

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



33.2817, 0.3348, 0.3018



43.4272, 0.2952, 0.3579

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.



33.2817, 0.2675, 0.3310



33.2817, 0.3348, 0.3018



33.2817, 0.3185, 0.3775

Square

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



33.2817, 0.3348, 0.3018



33.2817, 0.3664, 0.3702



33.2817, 0.2896, 0.3586



33.2817, 0.2612, 0.2863

Rectangle

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



33.2817, 0.3348, 0.3018



33.2817, 0.3693, 0.3410



33.2817, 0.2896, 0.3586



33.2817, 0.2593, 0.3127

Sweetspot

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



33.2832, 0.3348, 0.3018



78.3506, 0.3181, 0.3216



31.6844, 0.2950, 0.2728



16.7049, 0.3187, 0.3208



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.



33.2832, 0.3348, 0.3018



54.6475, 0.3410, 0.2954



32.6319, 0.3550, 0.3282



9.0851, 0.3212, 0.3176



7.5701, 0.4931, 0.2490



0.2794, 0.4373, 0.2183

Inverse Universe

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



33.2832, 0.3348, 0.3018



54.6475, 0.3410, 0.2954



44.1847, 0.2815, 0.3298



9.0851, 0.3212, 0.3176



7.5701, 0.4931, 0.2490



0.2794, 0.4373, 0.2183

Previews

White Background



This preview shows how the Yxy color 33.2817, 0.3348, 0.3018 looks on a white background.

Color Contrast Check

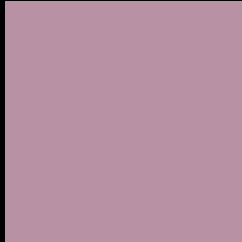
Large Text (above 18pt) WCAG AA × Fail

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 33.2817, 0.3348, 0.3018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

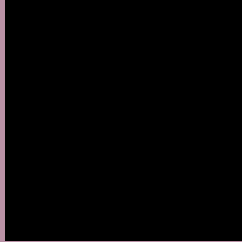
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.2817, 0.3348, 0.3018

Background



This preview shows how black text looks on a background with the Yxy color 33.2817, 0.3348, 0.3018.



This preview shows how white text looks on a background with the Yxy color 33.2817, 0.3348, 0.3018.

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

33.2817, 0.3348, 0.3018

Protanopia

33.3515, 0.2985, 0.3054

Deuteranopia

33.4616, 0.3175, 0.3118



Tritanopia

33.2167, 0.3408, 0.3125

Trichromacy



Original Color

33.2817, 0.3348, 0.3018

Protanomaly

33.1048, 0.3109, 0.3032

Deuteranomaly

33.1739, 0.3239, 0.3078

Tritanomaly

33.3213, 0.3377, 0.3085

Monochromacy



Original Color

33.2817, 0.3348, 0.3018

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.0092, 0.3201, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2817, 0.3348, 0.3018 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, 145, 165)` looks like.

```
.text, #text, p{  
    color:rgb(185, 145, 165)  
}
```

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, 145, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 145, 165) }
```

Border

The CSS property to change the border of an element to Yxy 33.2817, 0.3348, 0.3018 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, 145, 165) }
```

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

```
.border{ border-color:rgb(185, 145, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 145, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 145, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 145, 165); box-shadow:4px 4px 4px 4px rgb(185, 145, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2817, 0.3348, 0.3018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 145, 165) }
```

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

```
.background{ background-color: rgb(185,  
145, 165) }
```

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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