

Converting Colors

$Y_{xy}(32.9898, 0.3552, 0.3169)$

Have a look what the booklet for
Yxy(32.9898, 0.3552, 0.3169)
contains.

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Color

Yxy(32.9883, 0.3552, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	BF8F98
RGB	191, 143, 152
RGB Percent	75%, 56%, 60%
CMY	0.2510, 0.4392, 0.4038
CMYK	0.00, 0.25, 0.20, 0.25
HSL	349°, 27%, 65%
HSV	349°, 25%, 75%
XYZ	36.9752, 32.9883, 34.1334
YIQ	158.3780, 25.7190, 12.9750

Conversions

Conversions Part 2

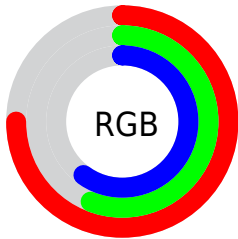
Format	Color
R _Y B	191, 143, 152
Decimal	12554136
CIE Lab	64.15, 19.52, 2.33
CIE LCh	64, 19.659, 6.802
Yxy	32.9883, 0.3552, 0.3169
Android (android.graphics.Color)	4290744216 (0xFFBF8F98)
YUV	158.3780, -3.1444, 28.6095
Hunter-Lab	57.4354, 14.4009, 4.9693

Details

The Yxy color **32.9883, 0.3552, 0.3169** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.4738, 0.2822, 0.3416**, and the grayscale version is **34.3795, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3452, 0.3468, 0.3197**, and **13.9122, 0.3703, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **27.2595, 0.3793, 0.3118**, and if you desaturate by 10%, it is **39.7629, 0.3356, 0.3219**.

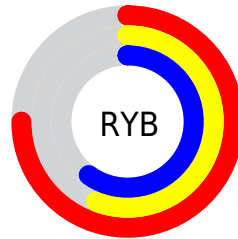
Distribution



Red (75%)

Green (56%)

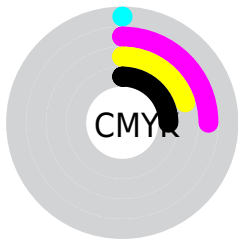
Blue (60%)



Red (75%)

Yellow (56%)

Blue (60%)

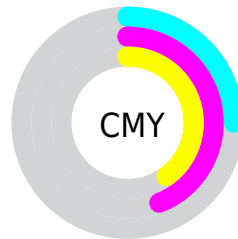


Cyan (0%)

Magenta (25%)

Yellow (20%)

Black (25%)



Cyan (25%)

Magenta (44%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9883, 0.3552, 0.3169 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 32.9883, 0.3552, 0.3169 by changing the saturation by 10% instead.


 32.9883, 0.3552,
0.3169


 32.9883, 0.3552,
0.3169


315.5970, 0.3327,
0.3235

 22.1175, 0.3613,
0.3151


 64.3573, 0.3467,
0.3194

 13.9432, 0.3694,
0.3126


 85.6242, 0.3436,
0.3203

 8.0812, 0.3808,
0.3091


111.1253, 0.3410,
0.3211

 4.1470, 0.3978,
0.3037

141.2449, 0.3388,
0.3217

 1.7561, 0.4260,
0.2945

176.3675, 0.3369,
0.3222

 0.4596, 0.5345,
0.2684


216.8775, 0.3353,


 0.0000, 0.0000,


0.3227


0.0000


263.1592, 0.3339,
0.3231


 32.9883, 0.3552,
0.3169


 32.9883, 0.3552,
0.3169


 27.2595, 0.3793,
0.3118


 39.7629, 0.3356,
0.3219


 22.5198, 0.4086,
0.3070

 47.6270, 0.3196,
0.3267


 18.7145, 0.4432,
0.3031

 56.6274, 0.3068,
0.3311

 15.7811, 0.4824,
0.3007

 66.8070, 0.2963,
0.3352

 13.6500, 0.5240,
0.3009

 78.2062, 0.2878,
0.3389

■ 12.2406, 0.5641,
0.3042

■ 89.1929, 0.2807,
0.3395

■ 11.4550, 0.5976,
0.3107

■ 89.8150, 0.2757,
0.3289

■ 11.2017, 0.6111,
0.3140

Harmonies

Analogous

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



32.9883, 0.3267, 0.2950



32.9883, 0.3552, 0.3169



32.9883, 0.3721, 0.3425

Triad

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



32.9883, 0.3552, 0.3169



32.9883, 0.3277, 0.3825



32.9883, 0.2565, 0.2888

Complementary

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



32.9883, 0.3552, 0.3169



46.4738, 0.2822, 0.3416

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.



32.9883, 0.2568, 0.3108



32.9883, 0.3552, 0.3169



32.9883, 0.2969, 0.3670

Square

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



32.9883, 0.3552, 0.3169



32.9883, 0.3554, 0.3815



32.9883, 0.2712, 0.3398



32.9883, 0.2703, 0.2787

Rectangle

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



32.9883, 0.3552, 0.3169



32.9883, 0.3740, 0.3589



32.9883, 0.2712, 0.3398



32.9883, 0.2550, 0.2950

Sweetspot

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



32.9898, 0.3552, 0.3169



80.8693, 0.3241, 0.3253



33.2796, 0.3062, 0.2655



17.2785, 0.3264, 0.3246



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.9898, 0.3552, 0.3169



53.3722, 0.3675, 0.3142



37.3086, 0.3603, 0.3486



9.5649, 0.3260, 0.3247



7.3715, 0.6082, 0.3124



0.2977, 0.5443, 0.2772

Inverse Universe

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



32.9898, 0.3552, 0.3169



53.3722, 0.3675, 0.3142



40.8859, 0.2745, 0.3085



9.5649, 0.3260, 0.3247



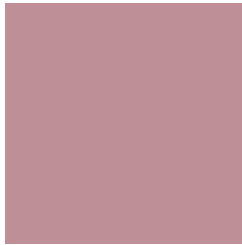
7.3715, 0.6082, 0.3124



0.2977, 0.5443, 0.2772

Previews

White Background



This preview shows how the Yxy color 32.9883, 0.3552, 0.3169 looks on a white background.

Color Contrast Check

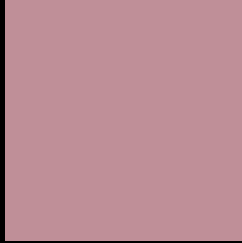
Large Text (above 18pt) WCAG AA × Fail

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 32.9883, 0.3552, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

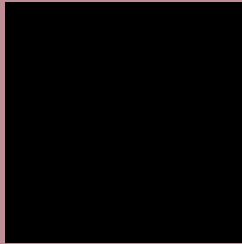
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9883, 0.3552, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 32.9883, 0.3552, 0.3169.



This preview shows how white text looks on a background with the Yxy color 32.9883, 0.3552, 0.3169.

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

32.9883, 0.3552, 0.3169

Protanopia

33.2150, 0.3120, 0.3231

Deuteranopia

33.2518, 0.3353, 0.3291



Tritanopia

33.0544, 0.3531, 0.3142

Trichromacy



Original Color

32.9883, 0.3552, 0.3169

Protanomaly

33.0796, 0.3273, 0.3218

Deuteranomaly

33.1175, 0.3433, 0.3249

Tritanomaly

33.0212, 0.3542, 0.3156

Monochromacy



Original Color

32.9883, 0.3552, 0.3169

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.7288, 0.3270, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9883, 0.3552, 0.3169 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(191, 143, 152)` looks like.

```
.text, #text, p{  
    color:rgb(191, 143, 152)  
}
```

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(191, 143, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 143, 152) }
```

Border

The CSS property to change the border of an element to Yxy 32.9883, 0.3552, 0.3169 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(191, 143, 152) }
```

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

```
.border{ border-color:rgb(191, 143, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 143, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 143, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 143, 152);  
box-shadow:4px 4px 4px 4px rgb(191, 143,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9883, 0.3552, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 143, 152) }
```

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

```
.background{ background-color: rgb(191,  
143, 152) }
```

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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