

Converting Colors

$Yxy(34.0767, 0.3517, 0.3182)$

Have a look what the booklet for
Yxy(34.0767, 0.3517, 0.3182)
contains.

Yxy(33.9672, 0.3523, 0.3183)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.9672, 0.3523, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	BF929A
RGB	191, 146, 154
RGB Percent	75%, 57%, 60%
CMY	0.2510, 0.4274, 0.3960
CMYK	0.00, 0.24, 0.19, 0.25
HSL	349°, 26%, 66%
HSV	349°, 24%, 75%
XYZ	37.5955, 33.9672, 35.1517
YIQ	160.3670, 24.2520, 12.0280

Conversions

Conversions Part 2

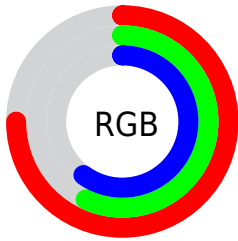
Format	Color
RYB	191, 146, 154
Decimal	12554906
CIELab	64.94, 18.17, 2.34
CIElCh	65, 18.317, 7.353
Yxy	33.9672, 0.3523, 0.3183
Android (android.graphics.Color)	4290744986 (0xFFBF929A)
YUV	160.3670, -3.1389, 26.8651
Hunter-Lab	58.2814, 13.1523, 5.0369

Details

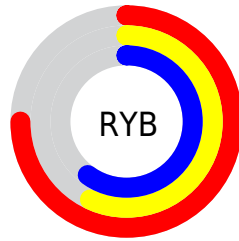
The Yxy color **33.9672, 0.3523, 0.3183** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.7855, 0.2837, 0.3401**, and the grayscale version is **35.3391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8191, 0.3448, 0.3207**, and **14.4821, 0.3658, 0.3143** is the 20% darker color. If you saturate the color by 10%, you get **28.0743, 0.3760, 0.3135**, and if you desaturate by 10%, it is **40.9152, 0.3331, 0.3230**.

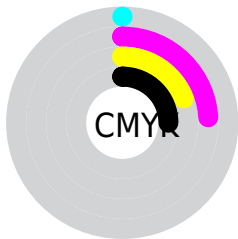
Distribution



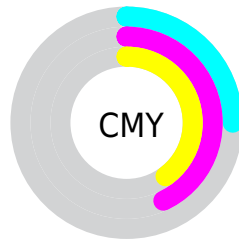
- Red (75%)
- Green (57%)
- Blue (60%)



- Red (75%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (24%)
- Yellow (19%)
- Black (25%)




- Cyan (25%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9672, 0.3523, 0.3183 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 33.9672, 0.3523, 0.3183 by changing the saturation by 10% instead.


 33.9672, 0.3523,
0.3183


 33.9672, 0.3523,
0.3183


319.9858, 0.3314,
0.3241

 22.8684, 0.3579,
0.3167


 65.8827, 0.3444,
0.3205

 14.4964, 0.3654,
0.3145


 87.4681, 0.3415,
0.3213

 8.4667, 0.3758,
0.3115


113.3179, 0.3391,
0.3220

 4.3950, 0.3913,
0.3068

143.8164, 0.3371,
0.3225

 1.8969, 0.4167,
0.2989

179.3481, 0.3354,
0.3230

 0.5465, 0.4977,
0.2808


220.2973, 0.3339,


 0.0000, 0.0000,

0.3234


0.0000


267.0484, 0.3326,
0.3238


 33.9672, 0.3523,
0.3183


 33.9672, 0.3523,
0.3183


 28.0743, 0.3760,
0.3135


 40.9152, 0.3331,
0.3230


 23.1805, 0.4048,
0.3089


 48.9617, 0.3175,
0.3275


 19.2314, 0.4390,
0.3050

 58.1531, 0.3049,
0.3316

 16.1659, 0.4781,
0.3026

 68.5319, 0.2947,
0.3354

 13.9152, 0.5200,
0.3024

 80.1384, 0.2864,
0.3389

■ 12.4007, 0.5609,
0.3052

■ 89.3851, 0.2791,
0.3361

■ 11.5280, 0.5957,
0.3111

■ 89.8145, 0.2757,
0.3289

■ 11.1899, 0.6135,
0.3153

Harmonies

Analogous

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



33.9672, 0.3262, 0.2978



33.9672, 0.3523, 0.3183



33.9672, 0.3676, 0.3421

Triad

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



33.9672, 0.3523, 0.3183



33.9672, 0.3261, 0.3781



33.9672, 0.2608, 0.2917

Complementary

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



33.9672, 0.3523, 0.3183



46.7855, 0.2837, 0.3401

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.



33.9672, 0.2608, 0.3119



33.9672, 0.3523, 0.3183



33.9672, 0.2977, 0.3635

Square

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



33.9672, 0.3523, 0.3183



33.9672, 0.3518, 0.3776



33.9672, 0.2740, 0.3385



33.9672, 0.2738, 0.2824

Rectangle

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



33.9672, 0.3523, 0.3183



33.9672, 0.3692, 0.3572



33.9672, 0.2740, 0.3385



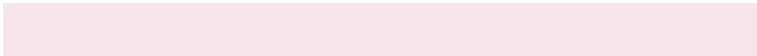
33.9672, 0.2593, 0.2973

Sweetspot

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



33.9688, 0.3523, 0.3183



82.3411, 0.3227, 0.3259



34.3571, 0.3074, 0.2698



17.8853, 0.3236, 0.3257



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.



33.9688, 0.3523, 0.3183



55.4512, 0.3633, 0.3159



38.3792, 0.3565, 0.3483



9.5634, 0.3261, 0.3249



7.3637, 0.6107, 0.3138



0.2971, 0.5484, 0.2795

Inverse Universe

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



33.9688, 0.3523, 0.3183



55.4512, 0.3633, 0.3159



41.2158, 0.2768, 0.3089



9.5634, 0.3261, 0.3249



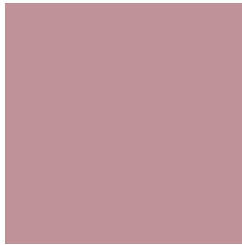
7.3637, 0.6107, 0.3138



0.2971, 0.5484, 0.2795

Previews

White Background



This preview shows how the Yxy color 33.9672, 0.3523, 0.3183 looks on a white background.

Color Contrast Check

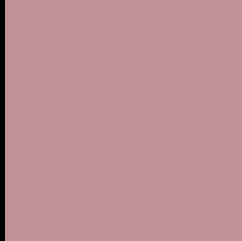
Large Text (above 18pt) WCAG AA × Fail

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 33.9672, 0.3523, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

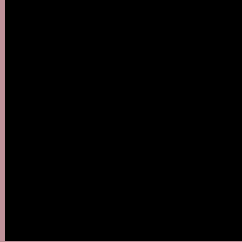
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9672, 0.3523, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 33.9672, 0.3523, 0.3183.



This preview shows how white text looks on a background with the Yxy color 33.9672, 0.3523, 0.3183.

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

33.9672, 0.3523, 0.3183

Protanopia

34.1256, 0.3129, 0.3246

Deuteranopia

34.1963, 0.3351, 0.3291



Tritanopia

34.0685, 0.3492, 0.3143

Trichromacy



Original Color

33.9672, 0.3523, 0.3183

Protanomaly

33.9090, 0.3261, 0.3219

Deuteranomaly

33.9364, 0.3419, 0.3249

Tritanomaly

34.0344, 0.3502, 0.3156

Monochromacy



Original Color

33.9672, 0.3523, 0.3183

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.5692, 0.3259, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9672, 0.3523, 0.3183 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, 146, 154)` looks like.

```
.text, #text, p{  
    color:rgb(191, 146, 154)  
}
```

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, 146, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 146, 154) }
```

Border

The CSS property to change the border of an element to Yxy 33.9672, 0.3523, 0.3183 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, 146, 154) }
```

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

```
.border{ border-color:rgb(191, 146, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 146, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 146, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 146, 154);  
box-shadow:4px 4px 4px 4px rgb(191, 146,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9672, 0.3523, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 146, 154) }
```

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

```
.background{ background-color: rgb(191,  
146, 154) }
```

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