

Converting Colors

$Yxy(33.9716, 0.3299, 0.2988)$

Have a look what the booklet for
Yxy(33.9716, 0.3299, 0.2988)
contains.

| | |
|------------------------------------------------|----|
| Yxy(34.0463, 0.3305, 0.2992) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(34.0463, 0.3305, 0.2992)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------------------------|
| Hex | B993A9 |
| RGB | 185, 147, 169 |
| RGB Percent | 73%, 58%, 66% |
| CMY | 0.2744, 0.4236, 0.3372 |
| CMYK | 0.00, 0.21, 0.09, 0.27 |
| HSL | 325°, 21%, 65% |
| HSV | 325°, 21%, 73% |
| XYZ | 37.6080, 34.0463, 42.1368 |
| YIQ | 160.8700, 15.5860, 14.8980 |

Conversions

Conversions Part 2

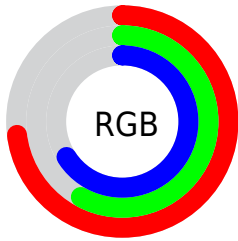
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 185, 147, 169 |
| Decimal | 12161961 |
| CIE Lab | 65.00, 17.94, -6.09 |
| CIE LCh | 65, 18.943, 341.239 |
| Yxy | 34.0463, 0.3305, 0.2992 |
| Android (android.graphics.Color) | 4290352041 (0xFFB993A9) |
| YUV | 160.8700, 4.0081, 21.1620 |
| Hunter-Lab | 58.3492, 12.9379, -1.9718 |

Details

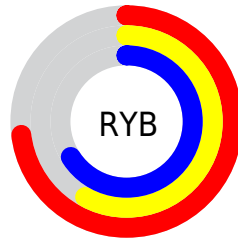
The Yxy color **34.0463, 0.3305, 0.2992** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.5529, 0.2982, 0.3608**, and the grayscale version is **35.5546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8559, 0.3270, 0.3049**, and **14.5556, 0.3368, 0.2899** is the 20% darker color. If you saturate the color by 10%, you get **28.4655, 0.3417, 0.2840**, and if you desaturate by 10%, it is **40.5730, 0.3210, 0.3141**.

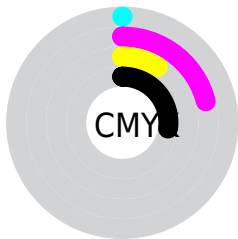
Distribution



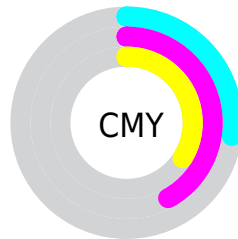
- Red (73%)
- Green (58%)
- Blue (66%)



- Red (73%)
- Yellow (58%)
- Blue (66%)



- Cyan (0%)
- Magenta (21%)
- Yellow (9%)
- Black (27%)





- Cyan (27%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0463, 0.3305, 0.2992 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 34.0463, 0.3305, 0.2992 by changing the saturation by 10% instead.


 34.0463, 0.3305,
0.2992


 34.0463, 0.3305,
0.2992


320.3385, 0.3213,
0.3145

 22.9292, 0.3329,
0.2952


 66.0057, 0.3271,
0.3049

 14.5412, 0.3360,
0.2900


 87.6167, 0.3258,
0.3070

 8.4980, 0.3403,
0.2830


113.4945, 0.3248,
0.3087

 4.4153, 0.3465,
0.2728

144.0234, 0.3239,
0.3102

 1.9085, 0.3563,
0.2569

179.5879, 0.3231,
0.3115

 0.5535, 0.3799,
0.2168

220.5723, 0.3224,

 0.0000, 0.0000,

0.3127

0.0000

267.3610, 0.3218,
0.3137

■ 34.0463, 0.3305,
0.2992

■ 34.0463, 0.3305,
0.2992

■ 28.4655, 0.3417,
0.2840

■ 40.5730, 0.3210,
0.3141

■ 23.7815, 0.3548,
0.2689

■ 48.0824, 0.3131,
0.3282

■ 19.9479, 0.3699,
0.2548

■ 56.6152, 0.3065,
0.3416

■ 16.9119, 0.3868,
0.2425

■ 66.2082, 0.3010,
0.3539

■ 14.6150, 0.4053,
0.2333

■ 76.8965, 0.2965,
0.3653

■ 12.9907, 0.4248,
0.2282

■ 86.7804, 0.2926,
0.3727

■ 11.9600, 0.4443,
0.2282

■ 87.1919, 0.2885,
0.3637

■ 11.3823, 0.4626,
0.2322

■ 87.6227, 0.2845,
0.3549

■ 88.0731, 0.2805,
0.3462

Harmonies

Analogous

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



34.0463, 0.3006, 0.2846



34.0463, 0.3305, 0.2992



34.0463, 0.3565, 0.3210

Triad

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



34.0463, 0.3305, 0.2992



34.0463, 0.3500, 0.3802



34.0463, 0.2584, 0.3080

Complementary

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



34.0463, 0.3305, 0.2992



43.5529, 0.2982, 0.3608

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.



34.0463, 0.2703, 0.3351



34.0463, 0.3305, 0.2992



34.0463, 0.3227, 0.3787

Square

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



34.0463, 0.3305, 0.2992



34.0463, 0.3678, 0.3674



34.0463, 0.2936, 0.3618



34.0463, 0.2601, 0.2885

Rectangle

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



34.0463, 0.3305, 0.2992



34.0463, 0.3674, 0.3374



34.0463, 0.2936, 0.3618



34.0463, 0.2609, 0.3165

Sweetspot

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



34.0478, 0.3305, 0.2992



78.4157, 0.3173, 0.3205



32.1386, 0.2936, 0.2754



16.7204, 0.3178, 0.3196



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.



34.0478, 0.3305, 0.2992



55.9047, 0.3357, 0.2918



33.3896, 0.3498, 0.3247



9.0971, 0.3200, 0.3158



7.7633, 0.4603, 0.2309



0.2857, 0.4153, 0.2061

Inverse Universe

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



34.0478, 0.3305, 0.2992



55.9047, 0.3357, 0.2918



44.2802, 0.2847, 0.3334



9.0971, 0.3200, 0.3158



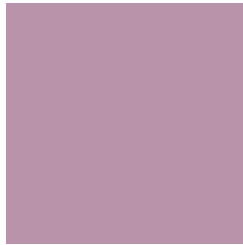
7.7633, 0.4603, 0.2309



0.2857, 0.4153, 0.2061

Previews

White Background



This preview shows how the Yxy color 34.0463, 0.3305, 0.2992 looks on a white background.

Color Contrast Check

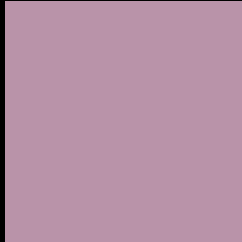
Large Text (above 18pt) WCAG AA × Fail

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 34.0463, 0.3305, 0.2992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

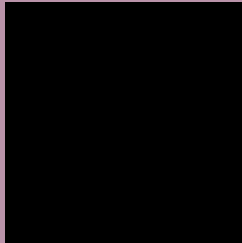
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0463, 0.3305, 0.2992

Background



This preview shows how black text looks on a background with the Yxy color 34.0463, 0.3305, 0.2992.



This preview shows how white text looks on a background with the Yxy color 34.0463, 0.3305, 0.2992.

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

34.0463, 0.3305, 0.2992

Protanopia

34.2770, 0.2960, 0.3028

Deuteranopia

34.0446, 0.3147, 0.3077



Tritanopia

34.2233, 0.3382, 0.3140

Trichromacy



Original Color

34.0463, 0.3305, 0.2992

Protanomaly

34.0151, 0.3082, 0.3006

Deuteranomaly

34.0743, 0.3208, 0.3053

Tritanomaly

34.0145, 0.3353, 0.3085

Monochromacy



Original Color

34.0463, 0.3305, 0.2992

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.0033, 0.3191, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0463, 0.3305, 0.2992 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(185, 147, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 147, 169) }
```

Border

The CSS property to change the border of an element to Yxy 34.0463, 0.3305, 0.2992 is called "border". The border property can be set on classes, ids or directly on the HTML element.

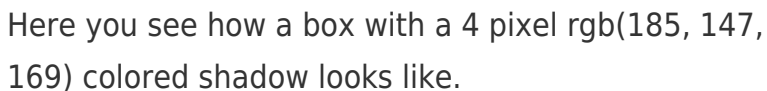
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 147, 169) }
```

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

```
.border{ border-color:rgb(185, 147, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 147, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 147, 169); box-shadow:4px 4px 4px 4px rgb(185, 147, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0463, 0.3305, 0.2992 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, 169) }
```

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

```
.background{ background-color: rgb(185,  
147, 169) }
```

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