

Converting Colors

$Y_{xy}(33.9181, 0.3478, 0.3222)$

Have a look what the booklet for
Yxy(33.9181, 0.3478, 0.3222)
contains.

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Color

Yxy(33.9188, 0.3476, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	BA9499
RGB	186, 148, 153
RGB Percent	73%, 58%, 60%
CMY	0.2705, 0.4196, 0.3999
CMYK	0.00, 0.20, 0.18, 0.27
HSL	352°, 22%, 65%
HSV	352°, 20%, 73%
XYZ	36.5927, 33.9188, 34.7610
YIQ	159.9320, 21.0430, 9.6110

Conversions

Conversions Part 2

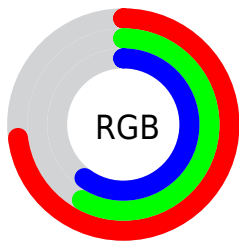
Format	Color
RYB	186, 148, 153
Decimal	12227737
CIELab	64.90, 15.04, 2.79
CIElCh	65, 15.296, 10.503
Yxy	33.9188, 0.3476, 0.3222
Android (android.graphics.Color)	4290417817 (0xFFBA9499)
YUV	159.9320, -3.4175, 22.8616
Hunter-Lab	58.2398, 10.2337, 5.3801

Details

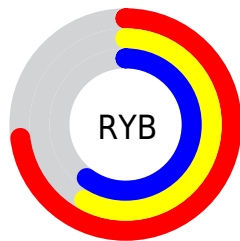
The Yxy color **33.9188, 0.3476, 0.3222** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.7557, 0.2861, 0.3360**, and the grayscale version is **35.1312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8007, 0.3412, 0.3238**, and **14.4142, 0.3589, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **28.0483, 0.3711, 0.3187**, and if you desaturate by 10%, it is **40.8023, 0.3286, 0.3256**.

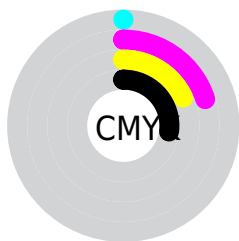
Distribution



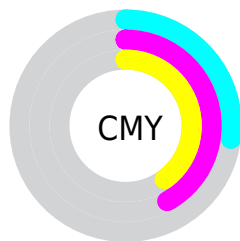
- Red (73%)
- Green (58%)
- Blue (60%)



- Red (73%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (27%)





- Cyan (27%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9188, 0.3476, 0.3222 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 33.9188, 0.3476, 0.3222 by changing the saturation by 10% instead.


 33.9188, 0.3476,
0.3222

 33.9188, 0.3476,
0.3222


319.7698, 0.3292,
0.3259

 22.8312, 0.3526,
0.3211


 65.8074, 0.3406,
0.3236

 14.4689, 0.3592,
0.3197

 87.3772, 0.3381,
0.3242

 8.4475, 0.3684,
0.3177


113.2098, 0.3360,
0.3246

 4.3826, 0.3821,
0.3145

143.6897, 0.3342,
0.3249

 1.8898, 0.4048,
0.3089

179.2013, 0.3327,
0.3252

 0.5422, 0.4850,
0.2978


220.1289, 0.3313,


 0.0000, 0.0000,


0.3255

0.0000


266.8570, 0.3302,
0.3257


 33.9188, 0.3476,
0.3222


 33.9188, 0.3476,
0.3222


 28.0483, 0.3711,
0.3187


 40.8023, 0.3286,
0.3256


 23.1387, 0.3998,
0.3152


 48.7386, 0.3133,
0.3289


 19.1399, 0.4343,
0.3122

 57.7710, 0.3010,
0.3318

 15.9958, 0.4742,
0.3102

 67.9391, 0.2909,
0.3345

 13.6439, 0.5175,
0.3097

 79.2804, 0.2828,
0.3370

■ 12.0132, 0.5604,
0.3115

■ 88.8565, 0.2756,
0.3344

■ 11.0198, 0.5973,
0.3157

■ 89.1809, 0.2731,
0.3289

■ 10.5091, 0.6231,
0.3206

Harmonies

Analogous

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



33.9188, 0.3266, 0.3043



33.9188, 0.3476, 0.3222



33.9188, 0.3590, 0.3423

Triad

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



33.9188, 0.3476, 0.3222



33.9188, 0.3216, 0.3690



33.9188, 0.2697, 0.2966

Complementary

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



33.9188, 0.3476, 0.3222



44.7557, 0.2861, 0.3360

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.



33.9188, 0.2685, 0.3128



33.9188, 0.3476, 0.3222



33.9188, 0.2979, 0.3557

Square

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



33.9188, 0.3476, 0.3222



33.9188, 0.3435, 0.3702



33.9188, 0.2787, 0.3347



33.9188, 0.2818, 0.2895

Rectangle

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



33.9188, 0.3476, 0.3222



33.9188, 0.3595, 0.3547



33.9188, 0.2787, 0.3347



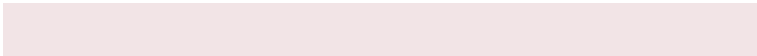
33.9188, 0.2680, 0.3011

Sweetspot

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



33.9203, 0.3476, 0.3222



79.9442, 0.3216, 0.3271



34.5420, 0.3101, 0.2783



17.4005, 0.3226, 0.3269



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



33.9203, 0.3476, 0.3222



55.9532, 0.3587, 0.3204



38.3975, 0.3491, 0.3481



9.0310, 0.3268, 0.3260



7.0755, 0.6208, 0.3193



0.2557, 0.5653, 0.2888

Inverse Universe

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



33.9203, 0.3476, 0.3222



55.9532, 0.3587, 0.3204



39.3750, 0.2814, 0.3091



9.0310, 0.3268, 0.3260



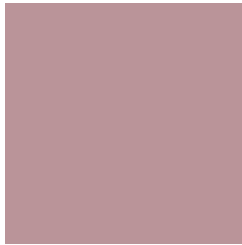
7.0755, 0.6208, 0.3193



0.2557, 0.5653, 0.2888

Previews

White Background



This preview shows how the Yxy color 33.9188, 0.3476, 0.3222 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 33.9188, 0.3476, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

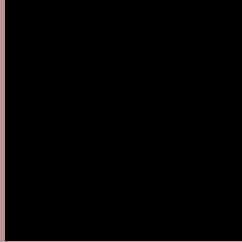
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9188, 0.3476, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 33.9188, 0.3476, 0.3222.



This preview shows how white text looks on a background with the Yxy color 33.9188, 0.3476, 0.3222.

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

33.9188, 0.3476, 0.3222

Protanopia

34.0561, 0.3147, 0.3275

Deuteranopia

33.8374, 0.3362, 0.3291



Tritanopia

33.9354, 0.3427, 0.3127

Trichromacy



Original Color

33.9188, 0.3476, 0.3222

Protanomaly

33.9465, 0.3259, 0.3262

Deuteranomaly

33.9839, 0.3406, 0.3277

Tritanomaly

33.8666, 0.3447, 0.3154

Monochromacy



Original Color

33.9188, 0.3476, 0.3222

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.6463, 0.3247, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9188, 0.3476, 0.3222 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(186, 148, 153)` looks like.

```
.text, #text, p{  
    color:rgb(186, 148, 153)  
}
```

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(186, 148, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 148, 153) }
```

Border

The CSS property to change the border of an element to Yxy 33.9188, 0.3476, 0.3222 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(186, 148, 153) }
```

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

```
.border{ border-color:rgb(186, 148, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 148, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 148, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 148, 153);  
box-shadow:4px 4px 4px 4px rgb(186, 148,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9188, 0.3476, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 148, 153) }
```

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

```
.background{ background-color: rgb(186,  
148, 153) }
```

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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