

Converting Colors

$Yxy(34.8595, 0.3514, 0.3234)$

Have a look what the booklet for
Yxy(34.8595, 0.3514, 0.3234)
contains.

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Color

Yxy(34.7419, 0.3516, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	BE9599
RGB	190, 149, 153
RGB Percent	75%, 58%, 60%
CMY	0.2548, 0.4157, 0.4000
CMYK	0.00, 0.22, 0.19, 0.25
HSL	354°, 24%, 66%
HSV	354°, 22%, 75%
XYZ	37.7363, 34.7419, 34.8492
YIQ	161.7150, 23.1520, 9.9360

Conversions

Conversions Part 2

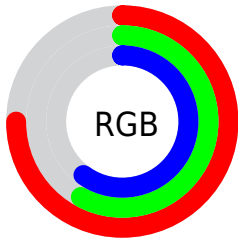
Format	Color
RYB	190, 149, 153
Decimal	12490137
CIELab	65.55, 15.99, 3.79
CIELCh	66, 16.435, 13.339
Yxy	34.7419, 0.3516, 0.3237
Android (android.graphics.Color)	4290680217 (0xFFBE9599)
YUV	161.7150, -4.2965, 24.8059
Hunter-Lab	58.9423, 11.1313, 6.2048

Details

The Yxy color **34.7419, 0.3516, 0.3237** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.7736, 0.2837, 0.3344**, and the grayscale version is **36.0047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9910, 0.3442, 0.3249**, and **14.9289, 0.3646, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **28.6868, 0.3767, 0.3211**, and if you desaturate by 10%, it is **41.8627, 0.3313, 0.3262**.

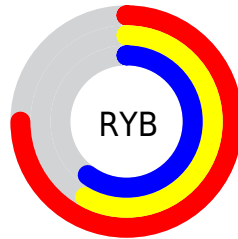
Distribution



Red (75%)

Green (58%)

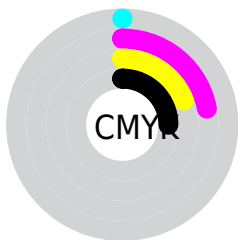
Blue (60%)



Red (75%)

Yellow (58%)

Blue (60%)

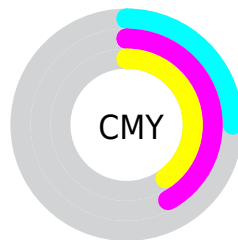


Cyan (0%)

Magenta (22%)

Yellow (19%)

Black (25%)



Cyan (25%)


Magenta (42%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7419, 0.3516, 0.3237 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 34.7419, 0.3516, 0.3237 by changing the saturation by 10% instead.


 34.7419, 0.3516,
0.3237


 34.7419, 0.3516,
0.3237


323.4276, 0.3311,
0.3267

 23.4641, 0.3571,
0.3228


 67.0857, 0.3439,
0.3249

 14.9366, 0.3644,
0.3216


 88.9206, 0.3411,
0.3253

 8.7749, 0.3745,
0.3199


115.0433, 0.3387,
0.3256

 4.5946, 0.3896,
0.3171

145.8381, 0.3367,
0.3259

 2.0115, 0.4142,
0.3122

181.6896, 0.3350,
0.3262

 0.6141, 0.4909,
0.3072


222.9821, 0.3335,


 0.0000, 0.0000,


0.3264

0.0000

270.1000, 0.3322,
0.3265


 34.7419, 0.3516,
0.3237


 34.7419, 0.3516,
0.3237

 28.6868, 0.3767,
0.3211

 41.8627, 0.3313,
0.3262


 23.6416, 0.4075,
0.3186


 50.0919, 0.3150,
0.3286

 19.5527, 0.4443,
0.3165

 59.4757, 0.3019,
0.3308

 16.3597, 0.4864,
0.3153

 70.0565, 0.2912,
0.3329

 13.9952, 0.5313,
0.3154

 81.8742, 0.2826,
0.3347

■ 12.3823, 0.5743,
0.3172

■ 89.6905, 0.2752,
0.3289

■ 11.4297, 0.6091,
0.3208

■ 10.9958, 0.6292,
0.3240

Harmonies

Analogous

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



34.7419, 0.3299, 0.3043



34.7419, 0.3516, 0.3237



34.7419, 0.3626, 0.3451

Triad

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



34.7419, 0.3516, 0.3237



34.7419, 0.3197, 0.3709



34.7419, 0.2677, 0.2933

Complementary

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



34.7419, 0.3516, 0.3237



46.7736, 0.2837, 0.3344

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.



34.7419, 0.2653, 0.3097



34.7419, 0.3516, 0.3237



34.7419, 0.2947, 0.3557

Square

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



34.7419, 0.3516, 0.3237



34.7419, 0.3436, 0.3734



34.7419, 0.2750, 0.3327



34.7419, 0.2816, 0.2869

Rectangle

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



34.7419, 0.3516, 0.3237



34.7419, 0.3621, 0.3580



34.7419, 0.2750, 0.3327



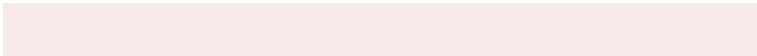
34.7419, 0.2655, 0.2977

Sweetspot

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



34.7435, 0.3516, 0.3237



83.7759, 0.3219, 0.3276



35.6417, 0.3112, 0.2754



18.1796, 0.3230, 0.3274



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.



34.7435, 0.3516, 0.3237



57.4081, 0.3631, 0.3224



40.1777, 0.3512, 0.3511



9.5511, 0.3273, 0.3268



7.3149, 0.6272, 0.3229



0.2917, 0.5853, 0.2998

Inverse Universe

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



34.7435, 0.3516, 0.3237



57.4081, 0.3631, 0.3224



40.2310, 0.2794, 0.3058



9.5511, 0.3273, 0.3268



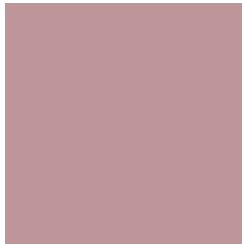
7.3149, 0.6272, 0.3229



0.2917, 0.5853, 0.2998

Previews

White Background



This preview shows how the Yxy color 34.7419, 0.3516, 0.3237 looks on a white background.

Color Contrast Check

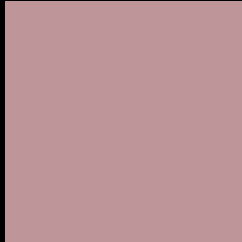
Large Text (above 18pt) WCAG AA × Fail

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 34.7419, 0.3516, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

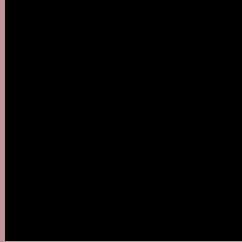
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7419, 0.3516, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 34.7419, 0.3516, 0.3237.



This preview shows how white text looks on a background with the Yxy color 34.7419, 0.3516, 0.3237.

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

34.7419, 0.3516, 0.3237

Protanopia

34.9463, 0.3165, 0.3305

Deuteranopia

34.8432, 0.3389, 0.3319



Tritanopia

34.7594, 0.3467, 0.3143

Trichromacy



Original Color

34.7419, 0.3516, 0.3237

Protanomaly

34.6136, 0.3288, 0.3276

Deuteranomaly

34.6686, 0.3435, 0.3291

Tritanomaly

34.6905, 0.3487, 0.3170

Monochromacy



Original Color

34.7419, 0.3516, 0.3237

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.3878, 0.3256, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7419, 0.3516, 0.3237 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(190, 149, 153)` looks like.

```
.text, #text, p{  
    color:rgb(190, 149, 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(190, 149, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 149, 153) }
```

Border

The CSS property to change the border of an element to Yxy 34.7419, 0.3516, 0.3237 is called "border". The border property can be set on classes, ids or directly on the HTML element.

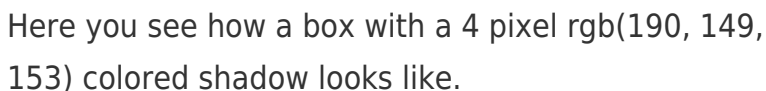
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 149, 153) }
```

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

```
.border{ border-color:rgb(190, 149, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(190, 149, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 149, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 149, 153);  
box-shadow:4px 4px 4px 4px rgb(190, 149,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7419, 0.3516, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 149, 153) }
```

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

```
.background{ background-color: rgb(190,  
149, 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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