

Converting Colors

Yxy(34.0459, 0.3529, 0.3485)

Have a look what the booklet for
Yxy(34.0459, 0.3529, 0.3485)
contains.

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Color

Yxy(34.2303, 0.3532, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	B3998B
RGB	179, 153, 139
RGB Percent	70%, 60%, 55%
CMY	0.2980, 0.4000, 0.4549
CMYK	0.00, 0.15, 0.22, 0.30
HSL	21°, 21%, 62%
HSV	21°, 22%, 70%
XYZ	34.6422, 34.2303, 29.2085
YIQ	159.1780, 19.9900, 1.1580

Conversions

Conversions Part 2

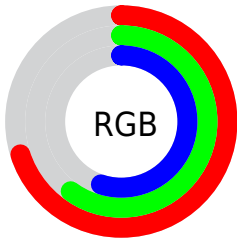
Format	Color
RYB	179, 161, 139
Decimal	11770251
CIELab	65.14, 7.39, 10.92
CIELCh	65, 13.186, 55.892
Yxy	34.2303, 0.3532, 0.3490
Android (android.graphics.Color)	4289960331 (0xFFB3998B)
YUV	159.1780, -9.9478, 17.3839
Hunter-Lab	58.5067, 3.3045, 11.3551

Details

The Yxy color **34.2303, 0.3532, 0.3490** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.6550, 0.2786, 0.3081**, and the grayscale version is **34.7971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0936, 0.3454, 0.3455**, and **14.6596, 0.3670, 0.3550** is the 20% darker color. If you saturate the color by 10%, you get **30.1257, 0.3764, 0.3585**, and if you desaturate by 10%, it is **38.7951, 0.3333, 0.3397**.

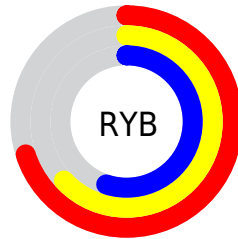
Distribution



Red (70%)

Green (60%)

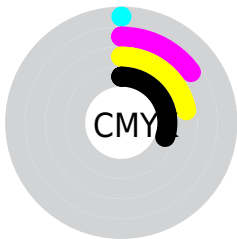
Blue (55%)



Red (70%)

Yellow (63%)

Blue (55%)

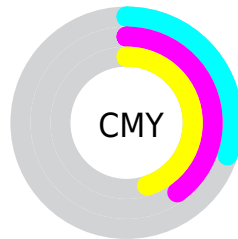


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (30%)



Cyan (30%)


Magenta (40%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2303, 0.3532, 0.3490 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 34.2303, 0.3532, 0.3490 by changing the saturation by 10% instead.


 34.2303, 0.3532,
0.3490


 34.2303, 0.3532,
0.3490


321.1577, 0.3318,
0.3388

 23.0706, 0.3590,
0.3516


 66.2916, 0.3451,
0.3452

 14.6456, 0.3666,
0.3550


 87.9621, 0.3422,
0.3438

 8.5711, 0.3772,
0.3595


 113.9048, 0.3397,
0.3427

 4.4625, 0.3930,
0.3658

144.5043, 0.3377,
0.3417

 1.9355, 0.4186,
0.3750

180.1450, 0.3359,
0.3408

 0.5696, 0.5590,
0.4410

221.2112, 0.3343,

 0.0000, 0.0000,

0.3400

0.0000

268.0873, 0.3330,
0.3394

■ 34.2303, 0.3532,
0.3490

■ 34.2303, 0.3532,
0.3490

■ 30.1257, 0.3764,
0.3585

■ 38.7951, 0.3333,
0.3397

■ 26.4619, 0.4032,
0.3679

■ 43.8294, 0.3163,
0.3310

■ 23.2249, 0.4333,
0.3765

■ 49.3483, 0.3019,
0.3228

■ 20.3981, 0.4663,
0.3833

■ 55.3645, 0.2896,
0.3153

■ 17.9637, 0.5007,
0.3871

■ 61.8905, 0.2791,
0.3084

■ 15.9024, 0.5341,
0.3868

■ 68.9381, 0.2701,
0.3022

■ 14.1929, 0.5635,
0.3816

■ 75.9048, 0.2670,
0.3062

■ 13.1006, 0.5830,
0.3753

■ 82.7657, 0.2685,
0.3192

■ 88.3239, 0.2696,
0.3289

Harmonies

Analogous

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



34.2303, 0.3490, 0.3322



34.2303, 0.3532, 0.3490



34.2303, 0.3462, 0.3613

Triad

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



34.2303, 0.3532, 0.3490



34.2303, 0.2907, 0.3432



34.2303, 0.2946, 0.2951

Complementary

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



34.2303, 0.3532, 0.3490



35.6550, 0.2786, 0.3081

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.



34.2303, 0.2799, 0.2969



34.2303, 0.3532, 0.3490



34.2303, 0.2777, 0.3241

Square

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



34.2303, 0.3532, 0.3490



34.2303, 0.3098, 0.3585



34.2303, 0.2738, 0.3072



34.2303, 0.3146, 0.3018

Rectangle

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



34.2303, 0.3532, 0.3490



34.2303, 0.3362, 0.3650



34.2303, 0.2738, 0.3072



34.2303, 0.2889, 0.2947

Sweetspot

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



34.2319, 0.3532, 0.3490



74.0851, 0.3241, 0.3351



30.7671, 0.3294, 0.2928



16.2963, 0.3251, 0.3356



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



34.2319, 0.3532, 0.3490



57.4477, 0.3646, 0.3539



41.3360, 0.3475, 0.3760



8.9757, 0.3279, 0.3370



9.3692, 0.5808, 0.3770



0.4068, 0.5267, 0.4200

Inverse Universe

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



35.6550, 0.2786, 0.3081



60.4606, 0.2708, 0.3027



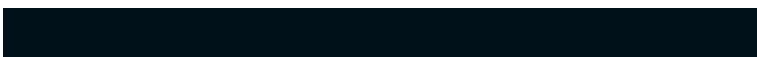
28.9961, 0.2763, 0.2771



9.1209, 0.2986, 0.3208



11.3087, 0.1922, 0.2120



0.4602, 0.2024, 0.2484

Previews

White Background



This preview shows how the Yxy color 34.2303, 0.3532, 0.3490 looks on a white background.

Color Contrast Check

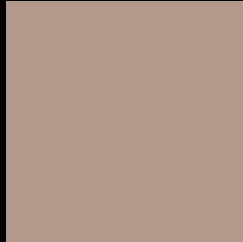
Large Text (above 18pt) WCAG AA × Fail

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 34.2303, 0.3532, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

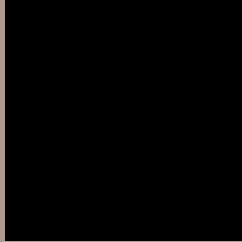
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2303, 0.3532, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 34.2303, 0.3532, 0.3490.



This preview shows how white text looks on a background with the Yxy color 34.2303, 0.3532, 0.3490.

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

34.2303, 0.3532, 0.3490

Protanopia

34.3761, 0.3354, 0.3542

Deuteranopia

34.0239, 0.3546, 0.3475



Tritanopia

34.3310, 0.3349, 0.3139

Trichromacy



Original Color

34.2303, 0.3532, 0.3490

Protanomaly

34.2164, 0.3420, 0.3525

Deuteranomaly

34.0239, 0.3546, 0.3475

Tritanomaly

34.2569, 0.3417, 0.3263

Monochromacy



Original Color

34.2303, 0.3532, 0.3490

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.4879, 0.3262, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2303, 0.3532, 0.3490 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(179, 153, 139)` looks like.

```
.text, #text, p{  
    color:rgb(179, 153, 139)  
}
```

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(179, 153, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 153, 139) }
```

Border

The CSS property to change the border of an element to Yxy 34.2303, 0.3532, 0.3490 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(179, 153, 139) }
```

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

```
.border{ border-color:rgb(179, 153, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 153, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 153, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 153, 139);  
box-shadow:4px 4px 4px 4px rgb(179, 153,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2303, 0.3532, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 153, 139) }
```

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

```
.background{ background-color: rgb(179,  
153, 139) }
```

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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