

Converting Colors

Yxy(31.9898, 0.3508, 0.3334)

Have a look what the booklet for
Yxy(31.9898, 0.3508, 0.3334)
contains.

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Color

Yxy(32.0059, 0.3500, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	B2928F
RGB	178, 146, 143
RGB Percent	70%, 57%, 56%
CMY	0.3019, 0.4275, 0.4392
CMYK	0.00, 0.18, 0.20, 0.30
HSL	5°, 19%, 63%
HSV	5°, 20%, 70%
XYZ	33.5995, 32.0059, 30.3931
YIQ	155.2260, 20.0350, 5.8510

Conversions

Conversions Part 2

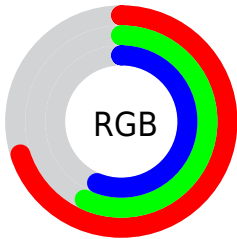
Format	Color
R_{YB}	178, 146, 143
Decimal	11702927
CIE _{Lab}	63.35, 11.52, 6.10
CIE _{LCh}	63, 13.035, 27.895
Yxy	32.0059, 0.3500, 0.3334
Android (android.graphics.Color)	4289893007 (0xFFB2928F)
YUV	155.2260, -6.0274, 19.9728
Hunter-Lab	56.5738, 7.0081, 7.7493

Details

The Yxy color **32.0059, 0.3500, 0.3334** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.7214, 0.2835, 0.3246**, and the grayscale version is **32.9054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.8322, 0.3421, 0.3324**, and **13.3347, 0.3629, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **26.8438, 0.3756, 0.3358**, and if you desaturate by 10%, it is **37.9710, 0.3291, 0.3311**.

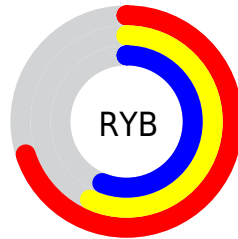
Distribution



Red (70%)

Green (57%)

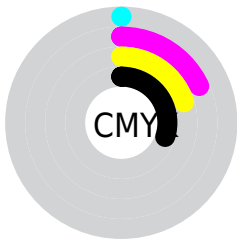
Blue (56%)



Red (70%)

Yellow (57%)

Blue (56%)

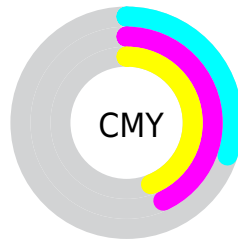


Cyan (0%)

Magenta (18%)

Yellow (20%)

Black (30%)



Cyan (30%)


Magenta (43%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0059, 0.3500, 0.3334 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 32.0059, 0.3500, 0.3334 by changing the saturation by 10% instead.


 32.0059, 0.3500,
0.3334

 32.0059, 0.3500,
0.3334


311.1461, 0.3301,
0.3313

 21.3660, 0.3555,
0.3339


 62.8203, 0.3424,
0.3327

 13.3918, 0.3628,
0.3344


 83.7637, 0.3397,
0.3324

 7.6989, 0.3731,
0.3351


108.9103, 0.3374,
0.3322

 3.9029, 0.3887,
0.3357

138.6445, 0.3355,
0.3319

 1.6194, 0.4149,
0.3361

173.3509, 0.3338,
0.3318

 0.3706, 0.6309,
0.3691


213.4136, 0.3324,


 0.0000, 0.0000,


0.3316


0.0000


259.2173, 0.3312,
0.3315

 32.0059, 0.3500,
0.3334

 32.0059, 0.3500,
0.3334


 26.8438, 0.3756,
0.3358


 37.9710, 0.3291,
0.3311

 22.4463, 0.4067,
0.3382


 44.7668, 0.3122,
0.3289

 18.7784, 0.4437,
0.3403

 52.4251, 0.2984,
0.3270

 15.8005, 0.4859,
0.3418

 60.9745, 0.2872,
0.3252

 13.4693, 0.5310,
0.3423

 70.4425, 0.2779,
0.3236

■ 11.7368, 0.5743,
0.3412

■ 80.8553, 0.2703,
0.3221

■ 10.5479, 0.6095,
0.3384

■ 88.2069, 0.2691,
0.3289

■ 9.8323, 0.6327,
0.3354

■ 9.8154, 0.6333,
0.3353

Harmonies

Analogous

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



32.0059, 0.3361, 0.3161



32.0059, 0.3500, 0.3334



32.0059, 0.3535, 0.3502

Triad

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



32.0059, 0.3500, 0.3334



32.0059, 0.3084, 0.3580



32.0059, 0.2803, 0.2961

Complementary

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



32.0059, 0.3500, 0.3334



39.7214, 0.2835, 0.3246

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.



32.0059, 0.2735, 0.3060



32.0059, 0.3500, 0.3334



32.0059, 0.2894, 0.3421

Square

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



32.0059, 0.3500, 0.3334



32.0059, 0.3290, 0.3654



32.0059, 0.2768, 0.3227



32.0059, 0.2956, 0.2950

Rectangle

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



32.0059, 0.3500, 0.3334



32.0059, 0.3495, 0.3590



32.0059, 0.2768, 0.3227



32.0059, 0.2770, 0.2985

Sweetspot

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



32.0074, 0.3500, 0.3334



73.0625, 0.3227, 0.3303



32.2108, 0.3178, 0.2849



16.0158, 0.3238, 0.3304



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.



32.0074, 0.3500, 0.3334



53.4123, 0.3615, 0.3345



37.7960, 0.3454, 0.3577



8.6184, 0.3285, 0.3310



7.0627, 0.6322, 0.3362



0.2605, 0.6030, 0.3594

Inverse Universe

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



39.7214, 0.2835, 0.3246



70.1931, 0.2769, 0.3234



33.3688, 0.2820, 0.2985



9.5046, 0.2986, 0.3270



21.0266, 0.2173, 0.3024



0.6978, 0.2196, 0.3104

Previews

White Background



This preview shows how the Yxy color 32.0059, 0.3500, 0.3334 looks on a white background.

Color Contrast Check

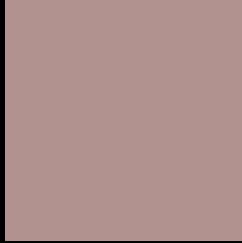
Large Text (above 18pt) WCAG AA × Fail

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 32.0059, 0.3500, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

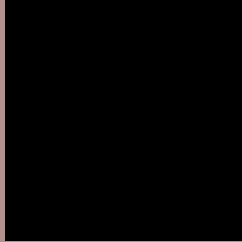
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0059, 0.3500, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 32.0059, 0.3500, 0.3334.



This preview shows how white text looks on a background with the Yxy color 32.0059, 0.3500, 0.3334.

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

32.0059, 0.3500, 0.3334

Protanopia

32.1582, 0.3234, 0.3381

Deuteranopia

31.9336, 0.3430, 0.3364



Tritanopia

32.0164, 0.3400, 0.3136

Trichromacy



Original Color

32.0059, 0.3500, 0.3334

Protanomaly

31.8873, 0.3321, 0.3350

Deuteranomaly

31.8493, 0.3454, 0.3349

Tritanomaly

32.0689, 0.3429, 0.3206

Monochromacy



Original Color

32.0059, 0.3500, 0.3334

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.4774, 0.3248, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0059, 0.3500, 0.3334 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(178, 146, 143)` looks like.

```
.text, #text, p{  
    color:rgb(178, 146, 143)  
}
```

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(178, 146, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 146, 143) }
```

Border

The CSS property to change the border of an element to Yxy 32.0059, 0.3500, 0.3334 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(178, 146, 143) }
```

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

```
.border{ border-color:rgb(178, 146, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 146, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 146, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 146, 143);  
box-shadow:4px 4px 4px 4px rgb(178, 146,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0059, 0.3500, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 146, 143) }
```

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

```
.background{ background-color: rgb(178,  
146, 143) }
```

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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