

Converting Colors

$Yxy(32.7378, 0.3333, 0.3298)$

Have a look what the booklet for
Yxy(32.7378, 0.3333, 0.3298)
contains.

Yxy(32.8813, 0.3332, 0.3305)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.8813, 0.3332, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	AA9796
RGB	170, 151, 150
RGB Percent	67%, 59%, 59%
CMY	0.3333, 0.4078, 0.4117
CMYK	0.00, 0.11, 0.12, 0.33
HSL	3°, 11%, 63%
HSV	3°, 12%, 67%
XYZ	33.1499, 32.8813, 33.4583
YIQ	156.5670, 11.6450, 3.7170

Conversions

Conversions Part 2

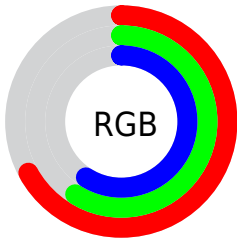
Format	Color
RYB	170, 151, 150
Decimal	11179926
CIELab	64.06, 6.85, 3.08
CIELCh	64, 7.508, 24.225
Yxy	32.8813, 0.3332, 0.3305
Android (android.graphics.Color)	4289370006 (0xFFAA9796)
YUV	156.5670, -3.2375, 11.7807
Hunter-Lab	57.3422, 2.8432, 5.5447

Details

The Yxy color **32.8813, 0.3332, 0.3305** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.7670, 0.2951, 0.3275**, and the grayscale version is **33.5243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0298, 0.3289, 0.3302**, and **13.8667, 0.3410, 0.3311** is the 20% darker color. If you saturate the color by 10%, you get **27.5249, 0.3552, 0.3319**, and if you desaturate by 10%, it is **39.0328, 0.3155, 0.3292**.

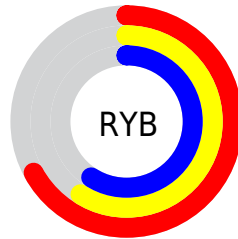
Distribution



Red (67%)

Green (59%)

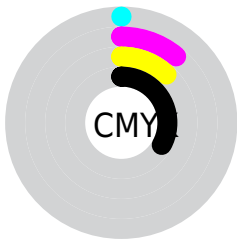
Blue (59%)



Red (67%)

Yellow (59%)

Blue (59%)

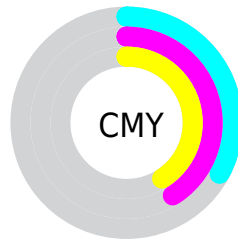


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (33%)



Cyan (33%)


Magenta (41%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8813, 0.3332, 0.3305 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 32.8813, 0.3332, 0.3305 by changing the saturation by 10% instead.


 32.8813, 0.3332,
0.3305

 32.8813, 0.3332,
0.3305


315.1145, 0.3223,
0.3298

 22.0355, 0.3361,
0.3307


 64.1902, 0.3291,
0.3303

 13.8830, 0.3401,
0.3309


 85.4220, 0.3276,
0.3302

 8.0393, 0.3456,
0.3311


110.8848, 0.3263,
0.3301

 4.1201, 0.3539,
0.3314

140.9627, 0.3253,
0.3300

 1.7410, 0.3679,
0.3316

176.0402, 0.3244,
0.3299

 0.4500, 0.4508,
0.3411

216.5018, 0.3236,


 0.0000, 0.0000,


0.3299


0.0000


262.7318, 0.3229,
0.3298


 32.8813, 0.3332,
0.3305


 32.8813, 0.3332,
0.3305


 27.5249, 0.3552,
0.3319


 39.0328, 0.3155,
0.3292


 22.9270, 0.3822,
0.3333

 46.0055, 0.3011,
0.3280


 19.0548, 0.4152,
0.3347

 53.8294, 0.2895,
0.3270

 15.8710, 0.4542,
0.3359

 62.5321, 0.2799,
0.3260

 13.3354, 0.4983,
0.3367

 72.1396, 0.2721,
0.3252

■ 11.4035, 0.5443,
0.3367

■ 82.6770, 0.2656,
0.3244

■ 10.0251, 0.5868,
0.3359

■ 87.2861, 0.2652,
0.3289

■ 9.1420, 0.6189,
0.3340

■ 8.7291, 0.6361,
0.3331

Harmonies

Analogous

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



32.8813, 0.3248, 0.3205



32.8813, 0.3332, 0.3305



32.8813, 0.3360, 0.3403

Triad

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



32.8813, 0.3332, 0.3305



32.8813, 0.3119, 0.3461



32.8813, 0.2933, 0.3106

Complementary

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



32.8813, 0.3332, 0.3305



37.7670, 0.2951, 0.3275

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.



32.8813, 0.2900, 0.3170



32.8813, 0.3332, 0.3305



32.8813, 0.3006, 0.3377

Square

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



32.8813, 0.3332, 0.3305



32.8813, 0.3235, 0.3497



32.8813, 0.2926, 0.3270



32.8813, 0.3017, 0.3091

Rectangle

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



32.8813, 0.3332, 0.3305



32.8813, 0.3343, 0.3455



32.8813, 0.2926, 0.3270



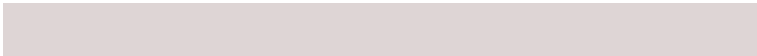
32.8813, 0.2915, 0.3122

Sweetspot

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



32.8828, 0.3332, 0.3305



68.1068, 0.3192, 0.3295



33.2398, 0.3147, 0.3016



14.9987, 0.3205, 0.3296



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



32.8828, 0.3332, 0.3305



57.1031, 0.3382, 0.3308



36.1240, 0.3315, 0.3444



7.5998, 0.3284, 0.3302



6.4458, 0.6354, 0.3337



0.1749, 0.6152, 0.3497

Inverse Universe

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



37.7670, 0.2951, 0.3275



67.6645, 0.2914, 0.3272



34.3009, 0.2948, 0.3131



8.4674, 0.2987, 0.3278



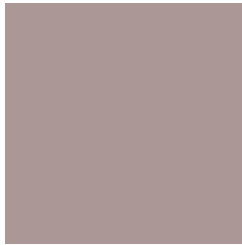
21.0573, 0.2205, 0.3137



0.5309, 0.2220, 0.3191

Previews

White Background



This preview shows how the Yxy color 32.8813, 0.3332, 0.3305 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 32.8813, 0.3332, 0.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

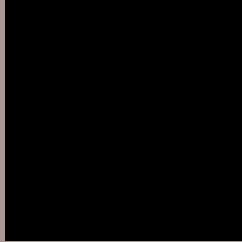
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8813, 0.3332, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 32.8813, 0.3332, 0.3305.



This preview shows how white text looks on a background with the Yxy color 32.8813, 0.3332, 0.3305.

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

32.8813, 0.3332, 0.3305

Protanopia

33.0806, 0.3195, 0.3335

Deuteranopia

32.7854, 0.3355, 0.3291



Tritanopia

32.7260, 0.3237, 0.3118

Trichromacy



Original Color

32.8813, 0.3332, 0.3305

Protanomaly

33.1321, 0.3246, 0.3335

Deuteranomaly

32.6726, 0.3344, 0.3291

Tritanomaly

32.9049, 0.3275, 0.3190

Monochromacy



Original Color

32.8813, 0.3332, 0.3305

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.4572, 0.3206, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8813, 0.3332, 0.3305 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(170, 151, 150)` looks like.

```
.text, #text, p{  
    color:rgb(170, 151, 150)  
}
```

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(170, 151, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 151, 150) }
```

Border

The CSS property to change the border of an element to Yxy 32.8813, 0.3332, 0.3305 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(170, 151, 150) }
```

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

```
.border{ border-color:rgb(170, 151, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 151, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 151, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 151, 150);  
box-shadow:4px 4px 4px 4px rgb(170, 151,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8813, 0.3332, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 151, 150) }
```

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

```
.background{ background-color: rgb(170,  
151, 150) }
```

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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