

Converting Colors

$Y_{xy}(32.9712, 0.3299, 0.3159)$

Have a look what the booklet for
Yxy(32.9712, 0.3299, 0.3159)
contains.

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Color

Yxy(32.9622, 0.3298, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	AE959E
RGB	174, 149, 158
RGB Percent	68%, 58%, 62%
CMY	0.3175, 0.4157, 0.3803
CMYK	0.00, 0.14, 0.09, 0.32
HSL	338°, 13%, 63%
HSV	338°, 14%, 68%
XYZ	34.3799, 32.9622, 36.9027
YIQ	157.5010, 12.0110, 8.0990

Conversions

Conversions Part 2

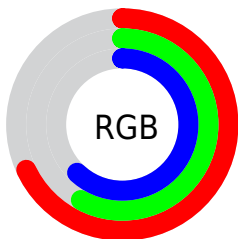
Format	Color
RYB	174, 149, 158
Decimal	11441566
CIELab	64.13, 10.86, -1.29
CIELCh	64, 10.940, 353.244
Yxy	32.9622, 0.3298, 0.3162
Android (android.graphics.Color)	4289631646 (0xFFAE959E)
YUV	157.5010, 0.2460, 14.4696
Hunter-Lab	57.4127, 6.4173, 2.0796

Details

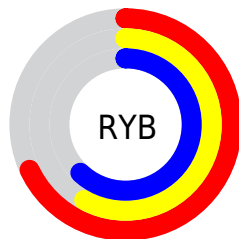
The Yxy color **32.9622, 0.3298, 0.3162** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.3892, 0.2982, 0.3422**, and the grayscale version is **33.9514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3390, 0.3264, 0.3181**, and **13.8618, 0.3345, 0.3110** is the 20% darker color. If you saturate the color by 10%, you get **27.4963, 0.3449, 0.3067**, and if you desaturate by 10%, it is **39.2886, 0.3174, 0.3252**.

Distribution



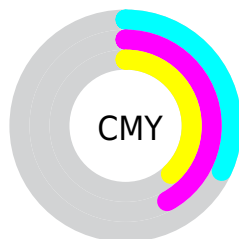
- Red (68%)
- Green (58%)
- Blue (62%)



- Red (68%)
- Yellow (58%)
- Blue (62%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (32%)





- Cyan (32%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9622, 0.3298, 0.3162 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 32.9622, 0.3298, 0.3162 by changing the saturation by 10% instead.


 32.9622, 0.3298,
0.3162


 32.9622, 0.3298,
0.3162


315.4794, 0.3208,
0.3229

 22.0975, 0.3322,
0.3144


 64.3165, 0.3264,
0.3187

 13.9286, 0.3354,
0.3120


 85.5749, 0.3252,
0.3197

 8.0710, 0.3399,
0.3087

111.0666, 0.3241,
0.3204

 4.1404, 0.3466,
0.3038

141.1761, 0.3233,
0.3211

 1.7524, 0.3577,
0.2957

176.2877, 0.3225,
0.3216

 0.4572, 0.4011,
0.2620

216.7859, 0.3219,


 0.0000, 0.0000,


0.3221


0.0000


263.0550, 0.3213,
0.3226


 32.9622, 0.3298,
0.3162

 32.9622, 0.3298,
0.3162


 27.4963, 0.3449,
0.3067


 39.2886, 0.3174,
0.3252

 22.8492, 0.3631,
0.2971


 46.5061, 0.3073,
0.3337

 18.9822, 0.3849,
0.2877

 54.6492, 0.2989,
0.3414

 15.8521, 0.4105,
0.2794

 63.7492, 0.2921,
0.3486

 13.4110, 0.4397,
0.2730

 73.8360, 0.2865,
0.3551

■ 11.6054, 0.4716,
0.2699

■ 84.9381, 0.2818,
0.3611

■ 10.3741, 0.5045,
0.2711

■ 86.5753, 0.2763,
0.3500

■ 9.6430, 0.5359,
0.2772

■ 87.2426, 0.2709,
0.3375

■ 9.3574, 0.5527,
0.2818

■ 87.7420, 0.2671,
0.3289

Harmonies

Analogous

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



32.9622, 0.3128, 0.3053



32.9622, 0.3298, 0.3162



32.9622, 0.3424, 0.3305

Triad

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



32.9622, 0.3298, 0.3162



32.9622, 0.3288, 0.3593



32.9622, 0.2798, 0.3118

Complementary

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



32.9622, 0.3298, 0.3162



39.3892, 0.2982, 0.3422

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.



32.9622, 0.2839, 0.3264



32.9622, 0.3298, 0.3162



32.9622, 0.3119, 0.3545

Square

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



32.9622, 0.3298, 0.3162



32.9622, 0.3417, 0.3555



32.9622, 0.2955, 0.3422



32.9622, 0.2843, 0.3025

Rectangle

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



32.9622, 0.3298, 0.3162



32.9622, 0.3463, 0.3403



32.9622, 0.2955, 0.3422



32.9622, 0.2803, 0.3163

Sweetspot

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



32.9637, 0.3298, 0.3162



71.6272, 0.3171, 0.3255



32.5329, 0.3053, 0.2932



15.7173, 0.3179, 0.3249



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



32.9637, 0.3298, 0.3162



56.7237, 0.3339, 0.3135



33.7358, 0.3381, 0.3339



8.0612, 0.3232, 0.3209



6.7950, 0.5498, 0.2802



0.1997, 0.4665, 0.2343

Inverse Universe

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



32.9637, 0.3298, 0.3162



56.7237, 0.3339, 0.3135



38.4552, 0.2911, 0.3241



8.0612, 0.3232, 0.3209



6.7950, 0.5498, 0.2802



0.1997, 0.4665, 0.2343

Previews

White Background



This preview shows how the Yxy color 32.9622, 0.3298, 0.3162 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 32.9622, 0.3298, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

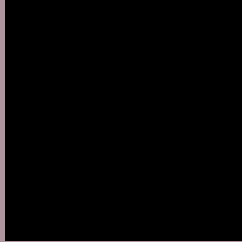
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9622, 0.3298, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 32.9622, 0.3298, 0.3162.



This preview shows how white text looks on a background with the Yxy color 32.9622, 0.3298, 0.3162.

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

32.9622, 0.3298, 0.3162

Protanopia

33.1840, 0.3092, 0.3201

Deuteranopia

33.1479, 0.3254, 0.3190



Tritanopia

33.0316, 0.3278, 0.3134

Trichromacy



Original Color

32.9622, 0.3298, 0.3162

Protanomaly

33.1071, 0.3162, 0.3188

Deuteranomaly

32.9392, 0.3265, 0.3175

Tritanomaly

32.9968, 0.3288, 0.3148

Monochromacy



Original Color

32.9622, 0.3298, 0.3162

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.8038, 0.3189, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9622, 0.3298, 0.3162 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(174, 149, 158)` looks like.

```
.text, #text, p{  
    color:rgb(174, 149, 158)  
}
```

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(174, 149, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 149, 158) }
```

Border

The CSS property to change the border of an element to Yxy 32.9622, 0.3298, 0.3162 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(174, 149, 158) }
```

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

```
.border{ border-color:rgb(174, 149, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 149, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 149, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 149, 158);  
box-shadow:4px 4px 4px 4px rgb(174, 149,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9622, 0.3298, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 149, 158) }
```

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

```
.background{ background-color: rgb(174,  
149, 158) }
```

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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