

Converting Colors

$Yxy(34.8882, 0.3318, 0.3269)$

Have a look what the booklet for
Yxy(34.8882, 0.3318, 0.3269)
contains.

Yxy(34.9569, 0.3318, 0.3276)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.9569, 0.3318, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	AF9B9C
RGB	175, 155, 156
RGB Percent	69%, 61%, 61%
CMY	0.3137, 0.3922, 0.3881
CMYK	0.00, 0.11, 0.11, 0.31
HSL	357°, 11%, 65%
HSV	357°, 11%, 69%
XYZ	35.4051, 34.9569, 36.3441
YIQ	161.0940, 11.5990, 4.5510

Conversions

Conversions Part 2

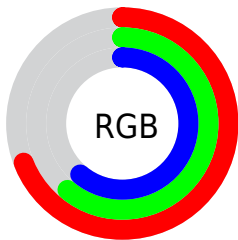
Format	Color
RYB	175, 155, 156
Decimal	11508636
CIELab	65.72, 7.54, 2.15
CIELCh	66, 7.841, 15.934
Yxy	34.9569, 0.3318, 0.3276
Android (android.graphics.Color)	4289698716 (0xFFAF9B9C)
YUV	161.0940, -2.5113, 12.1956
Hunter-Lab	59.1244, 3.4224, 4.9412

Details

The Yxy color **34.9569, 0.3318, 0.3276** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.6892, 0.2963, 0.3304**, and the grayscale version is **35.6963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2430, 0.3287, 0.3280**, and **15.0581, 0.3373, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **29.0246, 0.3529, 0.3263**, and if you desaturate by 10%, it is **41.8135, 0.3149, 0.3288**.

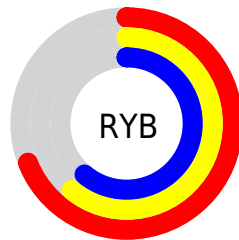
Distribution



Red (69%)

Green (61%)

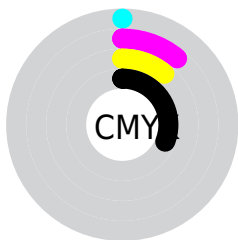
Blue (61%)



Red (69%)

Yellow (61%)

Blue (61%)

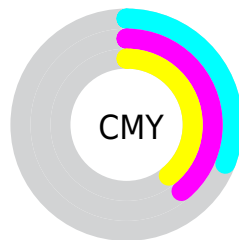


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (31%)



Cyan (31%)


Magenta (39%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.9569, 0.3318, 0.3276 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 34.9569, 0.3318, 0.3276 by changing the saturation by 10% instead.


 34.9569, 0.3318,
0.3276


 34.9569, 0.3318,
0.3276


324.3781, 0.3218,
0.3284

 23.6297, 0.3345,
0.3274


 67.4190, 0.3280,
0.3279

 15.0591, 0.3380,
0.3270


 89.3227, 0.3267,
0.3280

 8.8609, 0.3430,
0.3266


115.5206, 0.3255,
0.3281

 4.6506, 0.3503,
0.3258

146.3972, 0.3245,
0.3282

 2.0437, 0.3623,
0.3245

182.3368, 0.3237,
0.3283

 0.6327, 0.4014,
0.3234

223.7239, 0.3230,


 0.0000, 0.0000,


0.3283


0.0000

270.9429, 0.3223,
0.3284

 34.9569, 0.3318,
0.3276

 34.9569, 0.3318,
0.3276


 29.0246, 0.3529,
0.3263


 41.8135, 0.3149,
0.3288


 23.9727, 0.3791,
0.3250


 49.6266, 0.3012,
0.3300


 19.7606, 0.4111,
0.3237

 58.4328, 0.2902,
0.3310

 16.3428, 0.4494,
0.3227

 68.2649, 0.2813,
0.3319

 13.6696, 0.4931,
0.3222

 79.1548, 0.2740,
0.3328

■ 11.6853, 0.5392,
0.3224

■ 87.8556, 0.2676,
0.3289

■ 10.3269, 0.5824,
0.3235

■ 9.5195, 0.6160,
0.3256

■ 9.1353, 0.6343,
0.3268

Harmonies

Analogous

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



34.9569, 0.3220, 0.3178



34.9569, 0.3318, 0.3276



34.9569, 0.3364, 0.3380

Triad

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



34.9569, 0.3318, 0.3276



34.9569, 0.3152, 0.3481



34.9569, 0.2913, 0.3115

Complementary

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



34.9569, 0.3318, 0.3276



40.6892, 0.2963, 0.3304

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.



34.9569, 0.2896, 0.3193



34.9569, 0.3318, 0.3276



34.9569, 0.3033, 0.3407

Square

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



34.9569, 0.3318, 0.3276



34.9569, 0.3267, 0.3501



34.9569, 0.2939, 0.3300



34.9569, 0.2987, 0.3085

Rectangle

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



34.9569, 0.3318, 0.3276



34.9569, 0.3359, 0.3439



34.9569, 0.2939, 0.3300



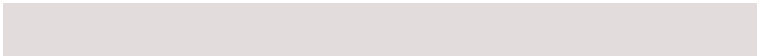
34.9569, 0.2901, 0.3137

Sweetspot

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



34.9584, 0.3318, 0.3276



72.7768, 0.3173, 0.3286



35.4994, 0.3127, 0.3013



15.9488, 0.3186, 0.3285



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.



34.9584, 0.3318, 0.3276



59.4547, 0.3373, 0.3272



37.9154, 0.3313, 0.3412



8.0218, 0.3279, 0.3279



6.5437, 0.6332, 0.3262



0.1841, 0.6045, 0.3104

Inverse Universe

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



34.9584, 0.3318, 0.3276



59.4547, 0.3373, 0.3272



37.4602, 0.2953, 0.3165



8.0218, 0.3279, 0.3279



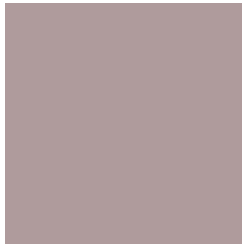
6.5437, 0.6332, 0.3262



0.1841, 0.6045, 0.3104

Previews

White Background



This preview shows how the Yxy color 34.9569, 0.3318, 0.3276 looks on a white background.

Color Contrast Check

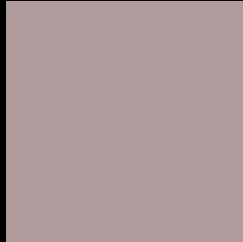
Large Text (above 18pt) WCAG AA × Fail

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 34.9569, 0.3318, 0.3276 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

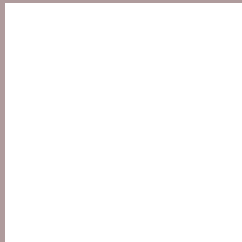
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.9569, 0.3318, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 34.9569, 0.3318, 0.3276.



This preview shows how white text looks on a background with the Yxy color 34.9569, 0.3318, 0.3276.

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

34.9569, 0.3318, 0.3276

Protanopia

35.0514, 0.3175, 0.3305

Deuteranopia

34.7416, 0.3330, 0.3262



Tritanopia

35.0945, 0.3234, 0.3123

Trichromacy



Original Color

34.9569, 0.3318, 0.3276

Protanomaly

35.1035, 0.3224, 0.3305

Deuteranomaly

34.7416, 0.3330, 0.3262

Tritanomaly

34.9499, 0.3272, 0.3178

Monochromacy



Original Color

34.9569, 0.3318, 0.3276

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.4065, 0.3195, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9569, 0.3318, 0.3276 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(175, 155, 156)` looks like.

```
.text, #text, p{  
    color:rgb(175, 155, 156)  
}
```

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(175, 155, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 155, 156) }
```

Border

The CSS property to change the border of an element to Yxy 34.9569, 0.3318, 0.3276 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(175, 155, 156) }
```

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

```
.border{ border-color:rgb(175, 155, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 155, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 155, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 155, 156);  
box-shadow:4px 4px 4px 4px rgb(175, 155,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9569, 0.3318, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 155, 156) }
```

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

```
.background{ background-color: rgb(175,  
155, 156) }
```

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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