

Converting Colors

$Yxy(34.9673, 0.3142, 0.3238)$

Have a look what the booklet for
Yxy(34.9673, 0.3142, 0.3238)
contains.

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Color

Yxy(34.8489, 0.3140, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	A39EA2
RGB	163, 158, 162
RGB Percent	64%, 62%, 64%
CMY	0.3606, 0.3804, 0.3647
CMYK	0.00, 0.03, 0.01, 0.36
HSL	312°, 3%, 63%
HSV	312°, 3%, 64%
XYZ	33.8569, 34.8489, 39.1188
YIQ	159.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

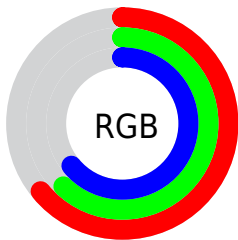
Format	Color
RYB	163, 158, 162
Decimal	10722978
CIELab	65.63, 2.58, -1.44
CIELCh	66, 2.954, 330.885
Yxy	34.8489, 0.3140, 0.3232
Android (android.graphics.Color)	4288913058 (0xFFA39EA2)
YUV	159.9510, 1.0102, 2.6740
Hunter-Lab	59.0330, -0.9333, 2.0340

Details

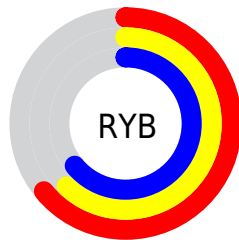
The Yxy color **34.8489, 0.3140, 0.3232** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9798, 0.3115, 0.3349**, and the grayscale version is **35.1271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5037, 0.3137, 0.3246**, and **15.0207, 0.3144, 0.3228** is the 20% darker color. If you saturate the color by 10%, you get **29.5340, 0.3186, 0.3039**, and if you desaturate by 10%, it is **40.9079, 0.3101, 0.3416**.

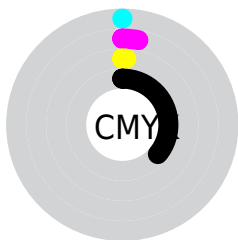
Distribution



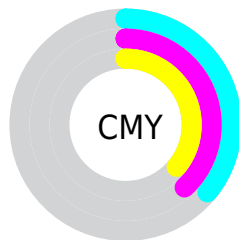
- Red (64%)
- Green (62%)
- Blue (64%)



- Red (64%)
- Yellow (62%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (36%)





- Cyan (36%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8489, 0.3140, 0.3232 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 34.8489, 0.3140, 0.3232 by changing the saturation by 10% instead.

 34.8489, 0.3140,
0.3232


 34.8489, 0.3140,
0.3232


323.9009, 0.3133,
0.3262

 23.5465, 0.3142,
0.3224


 67.2516, 0.3138,
0.3243

 14.9976, 0.3144,
0.3213


 89.1207, 0.3137,
0.3248

 8.8177, 0.3147,
0.3199


115.2809, 0.3136,
0.3251

 4.6224, 0.3152,
0.3177

146.1165, 0.3135,
0.3254

 2.0275, 0.3159,
0.3142

182.0119, 0.3135,
0.3257

 0.6234, 0.3185,
0.3029

223.3515, 0.3134,

 0.0000, 0.0000,

0.3259

0.0000

270.5197, 0.3134,
0.3261

■ 34.8489, 0.3140,
0.3232

■ 34.8489, 0.3140,
0.3232

■ 29.5340, 0.3186,
0.3039

■ 40.9079, 0.3101,
0.3416

■ 24.9299, 0.3239,
0.2840

■ 47.7337, 0.3067,
0.3589

■ 21.0073, 0.3299,
0.2640

■ 55.3538, 0.3039,
0.3749

■ 17.7332, 0.3365,
0.2447

■ 63.7927, 0.3015,
0.3898

■ 15.0718, 0.3438,
0.2268

■ 73.0742, 0.2995,
0.4033

■ 12.9839, 0.3516,
0.2114

■ 82.6994, 0.2978,
0.4150

■ 11.4259, 0.3597,
0.1993

■ 82.8412, 0.2960,
0.4108

■ 10.3475, 0.3677,
0.1914

■ 82.9865, 0.2943,
0.4066

■ 9.6891, 0.3755,
0.1879

■ 83.1352, 0.2926,
0.4025

Harmonies

Analogous

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



34.8489, 0.3094, 0.3214



34.8489, 0.3140, 0.3232



34.8489, 0.3183, 0.3265

Triad

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



34.8489, 0.3140, 0.3232



34.8489, 0.3197, 0.3365



34.8489, 0.3045, 0.3274

Complementary

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



34.8489, 0.3140, 0.3232



35.9798, 0.3115, 0.3349

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.



34.8489, 0.3072, 0.3315



34.8489, 0.3140, 0.3232



34.8489, 0.3160, 0.3368

Square

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



34.8489, 0.3140, 0.3232



34.8489, 0.3216, 0.3342



34.8489, 0.3114, 0.3349



34.8489, 0.3040, 0.3238

Rectangle

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



34.8489, 0.3140, 0.3232



34.8489, 0.3203, 0.3292



34.8489, 0.3114, 0.3349



34.8489, 0.3052, 0.3288

Sweetspot

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



34.8504, 0.3140, 0.3232



64.5220, 0.3131, 0.3271



34.4688, 0.3092, 0.3216



14.5050, 0.3131, 0.3272



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.8504, 0.3140, 0.3232



61.3918, 0.3144, 0.3213



34.7630, 0.3162, 0.3268



7.7472, 0.3147, 0.3203



7.2938, 0.3802, 0.1868



0.1593, 0.3552, 0.1730

Inverse Universe

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



34.8504, 0.3140, 0.3232



61.3918, 0.3144, 0.3213



36.0669, 0.3093, 0.3312



7.7472, 0.3147, 0.3203



7.2938, 0.3802, 0.1868



0.1593, 0.3552, 0.1730

Previews

White Background



This preview shows how the Yxy color 34.8489, 0.3140, 0.3232 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 34.8489, 0.3140, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

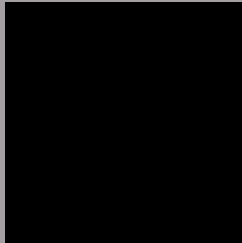
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

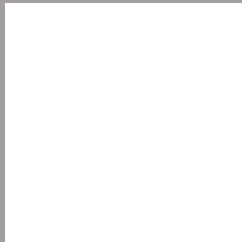
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.8489, 0.3140, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 34.8489, 0.3140, 0.3232.



This preview shows how white text looks on a background with the Yxy color 34.8489, 0.3140, 0.3232.

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

34.8489, 0.3140, 0.3232

Protanopia

34.9820, 0.3120, 0.3246

Deuteranopia

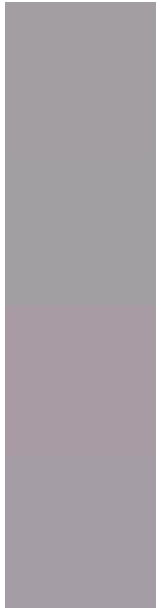
34.6398, 0.3233, 0.3163



Tritanopia

34.8710, 0.3087, 0.3118

Trichromacy



Original Color

34.8489, 0.3140, 0.3232

Protanomaly

35.0863, 0.3129, 0.3246

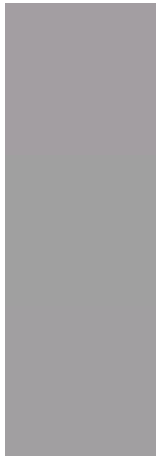
Deuteranomaly

34.5220, 0.3192, 0.3176

Tritanomaly

34.7596, 0.3114, 0.3160

Monochromacy



Original Color

34.8489, 0.3140, 0.3232

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.9466, 0.3129, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8489, 0.3140, 0.3232 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(163, 158, 162)` looks like.

```
.text, #text, p{  
    color:rgb(163, 158, 162)  
}
```

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(163, 158, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 158, 162) }
```

Border

The CSS property to change the border of an element to Yxy 34.8489, 0.3140, 0.3232 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(163, 158, 162) }
```

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

```
.border{ border-color:rgb(163, 158, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 158, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 158, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 158, 162);  
box-shadow:4px 4px 4px 4px rgb(163, 158,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8489, 0.3140, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 158, 162) }
```

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

```
.background{ background-color: rgb(163,  
158, 162) }
```

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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