

Converting Colors

$Yxy(36.1185, 0.3150, 0.3287)$

Have a look what the booklet for
Yxy(36.1185, 0.3150, 0.3287)
contains.

Yxy(35.9909, 0.3147, 0.3276)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.9909, 0.3147, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	A4A1A2
RGB	164, 161, 162
RGB Percent	64%, 63%, 64%
CMY	0.3569, 0.3686, 0.3648
CMYK	0.00, 0.02, 0.01, 0.36
HSL	340°, 2%, 64%
HSV	340°, 2%, 64%
XYZ	34.5737, 35.9909, 39.2978
YIQ	162.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

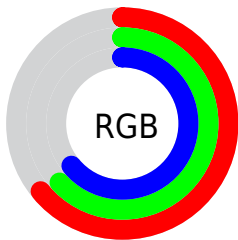
Format	Color
RYB	164, 161, 162
Decimal	10789282
CIELab	66.51, 1.26, -0.13
CIElCh	67, 1.269, 353.996
Yxy	35.9909, 0.3147, 0.3276
Android (android.graphics.Color)	4288979362 (0xFFA4A1A2)
YUV	162.0110, -0.0054, 1.7444
Hunter-Lab	59.9924, -2.1170, 3.1570

Details

The Yxy color **35.9909, 0.3147, 0.3276** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.7715, 0.3108, 0.3304**, and the grayscale version is **36.1360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1816, 0.3142, 0.3279**, and **15.7224, 0.3154, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **30.2553, 0.3270, 0.3196**, and if you desaturate by 10%, it is **42.5160, 0.3046, 0.3350**.

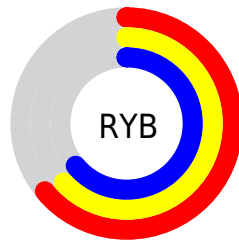
Distribution



Red (64%)

Green (63%)

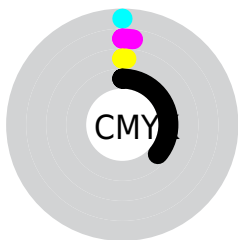
Blue (64%)



Red (64%)

Yellow (63%)

Blue (64%)

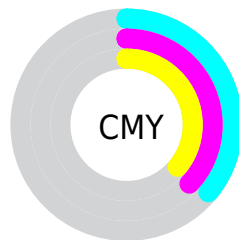


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (36%)



Cyan (36%)


Magenta (37%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9909, 0.3147, 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 35.9909, 0.3147, 0.3276 by changing the saturation by 10% instead.

 35.9909, 0.3147,
0.3276


 35.9909, 0.3147,
0.3276


328.9208, 0.3137,
0.3283

 24.4272, 0.3150,
0.3274


 69.0180, 0.3143,
0.3279

 15.6508, 0.3153,
0.3271


 91.2502, 0.3142,
0.3280

 9.2774, 0.3158,
0.3268


117.8073, 0.3141,
0.3281

 4.9226, 0.3166,
0.3263

149.0738, 0.3140,
0.3281

 2.2019, 0.3177,
0.3254

185.4339, 0.3139,
0.3282

 0.7210, 0.3209,
0.3231

227.2722, 0.3138,

 0.0000, 0.0000,

0.3283

0.0000

274.9730, 0.3137,
0.3283

■ 35.9909, 0.3147,
0.3276

■ 35.9909, 0.3147,
0.3276

■ 30.2553, 0.3270,
0.3196

■ 42.5160, 0.3046,
0.3350

■ 25.2745, 0.3420,
0.3112

■ 49.8541, 0.2964,
0.3419

■ 21.0184, 0.3602,
0.3025

■ 58.0338, 0.2896,
0.3482

■ 17.4528, 0.3822,
0.2939

■ 67.0807, 0.2840,
0.3539

■ 14.5408, 0.4081,
0.2861

■ 77.0193, 0.2794,
0.3591

■ 12.2421, 0.4381,
0.2799

■ 85.0307, 0.2750,
0.3591

■ 10.5119, 0.4712,
0.2765

■ 85.6657, 0.2697,
0.3464

■ 9.2991, 0.5059,
0.2769

■ 86.3407, 0.2645,
0.3339

■ 8.5434, 0.5393,
0.2820

■ 86.6318, 0.2624,
0.3289

Harmonies

Analogous

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



35.9909, 0.3128, 0.3263



35.9909, 0.3147, 0.3276



35.9909, 0.3161, 0.3293

Triad

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



35.9909, 0.3147, 0.3276



35.9909, 0.3145, 0.3324



35.9909, 0.3090, 0.3271

Complementary

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



35.9909, 0.3147, 0.3276



36.7715, 0.3108, 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.



35.9909, 0.3094, 0.3287



35.9909, 0.3147, 0.3276



35.9909, 0.3126, 0.3318

Square

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



35.9909, 0.3147, 0.3276



35.9909, 0.3160, 0.3320



35.9909, 0.3108, 0.3305



35.9909, 0.3095, 0.3260

Rectangle

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



35.9909, 0.3147, 0.3276



35.9909, 0.3165, 0.3304



35.9909, 0.3108, 0.3305



35.9909, 0.3090, 0.3276

Sweetspot

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



35.9925, 0.3147, 0.3276



66.2339, 0.3138, 0.3282



35.9591, 0.3120, 0.3247



14.4945, 0.3138, 0.3283



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.



35.9925, 0.3147, 0.3276



65.0968, 0.3149, 0.3274



36.1322, 0.3155, 0.3297



8.0952, 0.3147, 0.3276



6.2598, 0.5621, 0.2870



0.1399, 0.4659, 0.2340

Inverse Universe

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



35.9925, 0.3147, 0.3276



65.0968, 0.3149, 0.3274



36.6288, 0.3100, 0.3283



8.0952, 0.3147, 0.3276



6.2598, 0.5621, 0.2870



0.1399, 0.4659, 0.2340

Previews

White Background



This preview shows how the Yxy color 35.9909, 0.3147, 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 35.9909, 0.3147, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

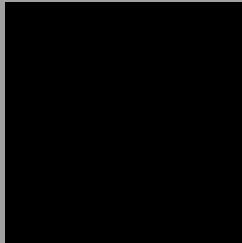
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

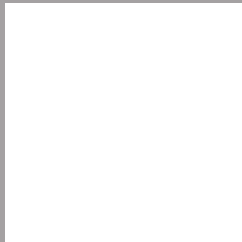
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.9909, 0.3147, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 35.9909, 0.3147, 0.3276.



This preview shows how white text looks on a background with the Yxy color 35.9909, 0.3147, 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

35.9909, 0.3147, 0.3276

Protanopia

35.9909, 0.3147, 0.3276

Deuteranopia

36.1054, 0.3269, 0.3207



Tritanopia

35.8818, 0.3079, 0.3106

Trichromacy



Original Color

35.9909, 0.3147, 0.3276

Protanomaly

35.9909, 0.3147, 0.3276

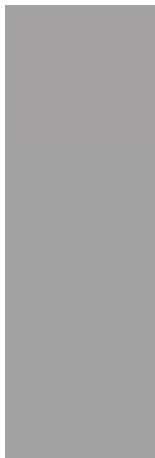
Deuteranomaly

35.8687, 0.3218, 0.3220

Tritanomaly

35.9681, 0.3104, 0.3176

Monochromacy



Original Color

35.9909, 0.3147, 0.3276

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.2358, 0.3137, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9909, 0.3147, 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(164, 161, 162)` looks like.

```
.text, #text, p{  
    color:rgb(164, 161, 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(164, 161, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 161, 162) }
```

Border

The CSS property to change the border of an element to Yxy 35.9909, 0.3147, 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(164, 161, 162) }
```

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

```
.border{ border-color:rgb(164, 161, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 161, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 161, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 161, 162); box-shadow:4px 4px 4px 4px rgb(164, 161, 162) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9909, 0.3147, 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(164, 161, 162) }
```

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

```
.background{ background-color: rgb(164,  
161, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor