

Converting Colors

$Yxy(41.3438, 0.3112, 0.3302)$

Have a look what the booklet for
Yxy(41.3438, 0.3112, 0.3302)
contains.

Yxy(41.4117, 0.3109, 0.3304)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.4117, 0.3109, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	AAADAC
RGB	170, 173, 172
RGB Percent	67%, 68%, 67%
CMY	0.3333, 0.3216, 0.3256
CMYK	0.02, 0.00, 0.01, 0.32
HSL	159°, 2%, 67%
HSV	159°, 2%, 68%
XYZ	38.9676, 41.4117, 44.9588
YIQ	171.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

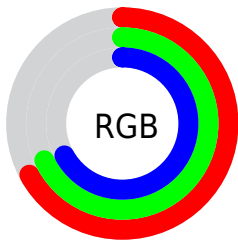
Format	Color
RYB	170, 172, 173
Decimal	11185580
CIELab	70.46, -1.24, 0.15
CIELCh	70, 1.253, 173.350
Yxy	41.4117, 0.3109, 0.3304
Android (android.graphics.Color)	4289375660 (0xFFAAADAC)
YUV	171.9890, 0.0054, -1.7444
Hunter-Lab	64.3519, -4.5271, 3.6240

Details

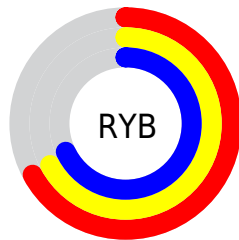
The Yxy color $41.4117, 0.3109, 0.3304$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $40.5800, 0.3146, 0.3276$, and the grayscale version is $41.2506, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.0404, 0.3113, 0.3301$, and $18.8824, 0.3102, 0.3309$ is the 20% darker color. If you saturate the color by 10%, you get $39.3882, 0.3005, 0.3390$, and if you desaturate by 10%, it is $43.7026, 0.3215, 0.3227$.

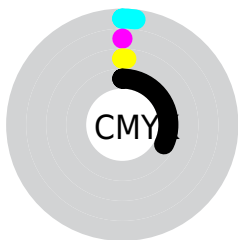
Distribution



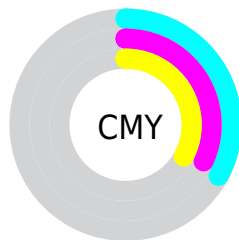
- Red (67%)
- Green (68%)
- Blue (67%)



- Red (67%)
- Yellow (67%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (32%)



- Cyan (33%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.4117, 0.3109, 0.3304 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 41.4117, 0.3109, 0.3304 by changing the saturation by 10% instead.

■ 41.4117, 0.3109,
0.3304

■ 41.4117, 0.3109,
0.3304

352.0384, 0.3118,
0.3297

■ 28.6409, 0.3107,
0.3306

■ 77.3085, 0.3112,
0.3301

■ 18.8094, 0.3104,
0.3308

101.2033, 0.3114,
0.3300

■ 11.5326, 0.3099,
0.3311

129.5748, 0.3115,
0.3300

■ 6.4263, 0.3093,
0.3316

162.8076, 0.3116,
0.3299

■ 3.1060, 0.3084,
0.3323

201.2859, 0.3116,
0.3298

■ 1.1873, 0.3068,
0.3335

245.3942, 0.3117,

■ 0.0513, 0.1593,

0.3298

0.4446

295.5169, 0.3118,
0.3297

0.0000, 0.0000,
0.0000

41.4117, 0.3109,
0.3304

41.4117, 0.3109,
0.3304

39.3882, 0.3005,
0.3390

43.7026, 0.3215,
0.3227

37.6168, 0.2906,
0.3486

46.2650, 0.3320,
0.3158

36.0887, 0.2814,
0.3590

49.1096, 0.3424,
0.3097

34.7926, 0.2731,
0.3703

52.2450, 0.3526,
0.3043

33.7160, 0.2661,
0.3822

55.3912, 0.3611,
0.2995

■ 32.8457, 0.2606,
0.3947

■ 55.6759, 0.3559,
0.2935

■ 32.1665, 0.2569,
0.4076

■ 55.9714, 0.3506,
0.2876

■ 31.6615, 0.2552,
0.4207

■ 56.2780, 0.3455,
0.2818

■ 31.3103, 0.2555,
0.4336

■ 56.5955, 0.3405,
0.2760

Harmonies

Analogous

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



41.4117, 0.3127, 0.3316



41.4117, 0.3109, 0.3304



41.4117, 0.3096, 0.3288

Triad

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



41.4117, 0.3109, 0.3304



41.4117, 0.3110, 0.3259



41.4117, 0.3163, 0.3308

Complementary

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



41.4117, 0.3109, 0.3304



40.5800, 0.3146, 0.3276

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.



41.4117, 0.3158, 0.3292



41.4117, 0.3109, 0.3304



41.4117, 0.3128, 0.3264

Square

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



41.4117, 0.3109, 0.3304



41.4117, 0.3097, 0.3262



41.4117, 0.3146, 0.3277



41.4117, 0.3158, 0.3319

Rectangle

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



41.4117, 0.3109, 0.3304



41.4117, 0.3092, 0.3277



41.4117, 0.3146, 0.3277



41.4117, 0.3162, 0.3303

Sweetspot

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



41.4135, 0.3109, 0.3304



74.4427, 0.3116, 0.3298



41.4556, 0.3135, 0.3331



16.1829, 0.3117, 0.3298



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.



41.4135, 0.3109, 0.3304



74.0490, 0.3106, 0.3307



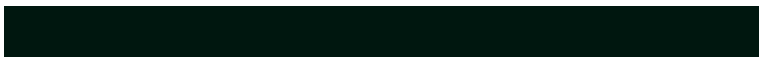
41.2811, 0.3101, 0.3284



9.3712, 0.3108, 0.3305



22.8579, 0.2564, 0.4429



0.6456, 0.2456, 0.4041

Inverse Universe

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



40.5800, 0.3146, 0.3276



72.2958, 0.3149, 0.3274



40.7097, 0.3154, 0.3296



9.1683, 0.3147, 0.3275



6.7696, 0.5569, 0.2841



0.1988, 0.4723, 0.2375

Previews

White Background



This preview shows how the Yxy color 41.4117, 0.3109, 0.3304 looks on a white background.

Color Contrast Check

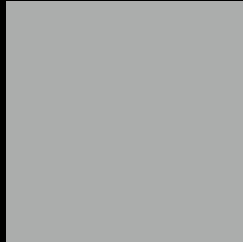
Large Text (above 18pt) WCAG AA × Fail

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 41.4117, 0.3109, 0.3304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

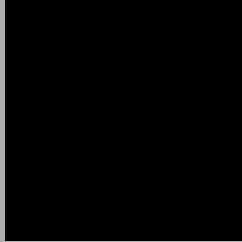
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

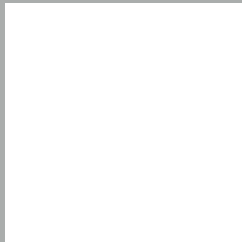
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.4117, 0.3109, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 41.4117, 0.3109, 0.3304.

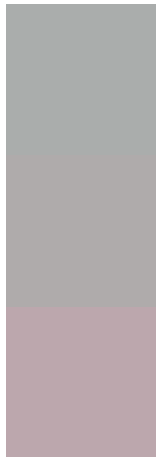


This preview shows how white text looks on a background with the Yxy color 41.4117, 0.3109, 0.3304.

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

41.4117, 0.3109, 0.3304

Protanopia

41.1801, 0.3163, 0.3290

Deuteranopia

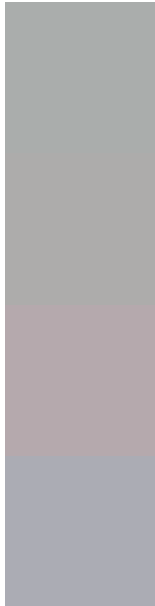
41.3459, 0.3270, 0.3212



Tritanopia

41.3993, 0.3021, 0.3101

Trichromacy



Original Color

41.4117, 0.3109, 0.3304

Protanomaly

41.3296, 0.3144, 0.3304

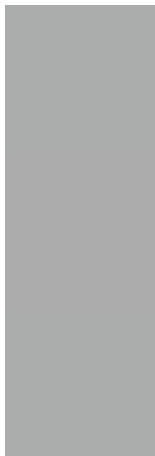
Deuteranomaly

41.2168, 0.3203, 0.3237

Tritanomaly

41.4583, 0.3053, 0.3181

Monochromacy



Original Color

41.4117, 0.3109, 0.3304

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.1415, 0.3118, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4117, 0.3109, 0.3304 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, 173, 172)` looks like.

```
.text, #text, p{  
    color:rgb(170, 173, 172)  
}
```

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, 173, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 173, 172) }
```

Border

The CSS property to change the border of an element to Yxy 41.4117, 0.3109, 0.3304 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, 173, 172) }
```

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

```
.border{ border-color:rgb(170, 173, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 173, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 173, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 173, 172);  
box-shadow:4px 4px 4px 4px rgb(170, 173,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4117, 0.3109, 0.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 173, 172) }
```

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

```
.background{ background-color: rgb(170,  
173, 172) }
```

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