

Converting Colors

$Yxy(41.2639, 0.3109, 0.3261)$

Have a look what the booklet for
Yxy(41.2639, 0.3109, 0.3261)
contains.

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Color

Yxy(41.3317, 0.3111, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	ACACAE
RGB	172, 172, 174
RGB Percent	67%, 67%, 68%
CMY	0.3254, 0.3255, 0.3178
CMYK	0.01, 0.01, 0.00, 0.32
HSL	241°, 1%, 68%
HSV	241°, 1%, 68%
XYZ	39.4063, 41.3317, 45.9297
YIQ	172.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

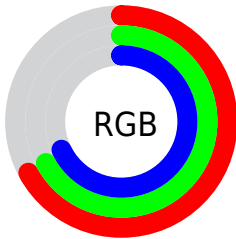
Format	Color
RYB	172, 172, 174
Decimal	11316398
CIELab	70.41, 0.38, -1.02
CIELCh	70, 1.086, 290.741
Yxy	41.3317, 0.3111, 0.3263
Android (android.graphics.Color)	4289506478 (0xFFACACAE)
YUV	172.2280, 0.8736, -0.2000
Hunter-Lab	64.2897, -3.0956, 2.6450

Details

The Yxy color **41.3317, 0.3111, 0.3263** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2328, 0.3143, 0.3317**, and the grayscale version is **41.3734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9262, 0.3114, 0.3269**, and **18.8312, 0.3104, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **33.3127, 0.2957, 0.3006**, and if you desaturate by 10%, it is **50.4743, 0.3245, 0.3487**.

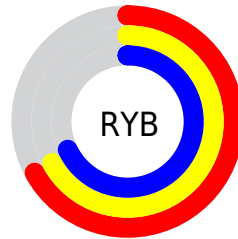
Distribution



Red (67%)

Green (67%)

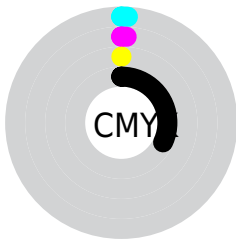
Blue (68%)



Red (67%)

Yellow (67%)

Blue (68%)

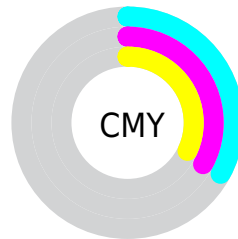


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (32%)



Cyan (33%)

Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3317, 0.3111, 0.3263 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 41.3317, 0.3111, 0.3263 by changing the saturation by 10% instead.

■ 41.3317, 0.3111,
0.3263

■ 41.3317, 0.3111,
0.3263

351.7050, 0.3119,
0.3277

■ 28.5784, 0.3109,
0.3259

■ 77.1872, 0.3114,
0.3268

■ 18.7621, 0.3106,
0.3255

101.0581, 0.3115,
0.3270

■ 11.4985, 0.3102,
0.3249

129.4037, 0.3116,
0.3272

■ 6.4032, 0.3097,
0.3240

162.6083, 0.3117,
0.3273

■ 3.0918, 0.3089,
0.3226

201.0563, 0.3118,
0.3274

■ 1.1798, 0.3074,
0.3202

245.1322, 0.3118,

■ 0.0451, 0.2403,

0.3275

0.2075

295.2203, 0.3119,
0.3276

0.0000, 0.0000,
0.0000

41.3317, 0.3111,
0.3263

41.3317, 0.3111,
0.3263

33.3127, 0.2957,
0.3006

50.4743, 0.3245,
0.3487

26.3689, 0.2783,
0.2716

60.7760, 0.3361,
0.3681

20.4562, 0.2590,
0.2396

72.2771, 0.3461,
0.3848

15.5255, 0.2384,
0.2053

85.0147, 0.3546,
0.3991

11.5236, 0.2172,
0.1702

95.8349, 0.3609,
0.4086

■ 8.3924, 0.1968,
0.1364

■ 6.0672, 0.1787,
0.1066

■ 4.4743, 0.1645,
0.0833

■ 3.5264, 0.1551,
0.0680

Harmonies

Analogous

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



41.3317, 0.3100, 0.3266



41.3317, 0.3111, 0.3263



41.3317, 0.3126, 0.3267

Triad

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



41.3317, 0.3111, 0.3263



41.3317, 0.3158, 0.3304



41.3317, 0.3113, 0.3303

Complementary

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



41.3317, 0.3111, 0.3263



42.2328, 0.3143, 0.3317

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.



41.3317, 0.3128, 0.3314



41.3317, 0.3111, 0.3263



41.3317, 0.3154, 0.3314

Square

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



41.3317, 0.3111, 0.3263



41.3317, 0.3154, 0.3291



41.3317, 0.3144, 0.3318



41.3317, 0.3101, 0.3289

Rectangle

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



41.3317, 0.3111, 0.3263



41.3317, 0.3137, 0.3273



41.3317, 0.3144, 0.3318



41.3317, 0.3118, 0.3307

Sweetspot

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



41.3335, 0.3111, 0.3263



76.7769, 0.3127, 0.3290



42.0866, 0.3110, 0.3290



17.0645, 0.3127, 0.3290



89.0005, 0.3127, 0.3290

Same Dimension

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



41.3335, 0.3111, 0.3263



75.1806, 0.3113, 0.3266



41.4433, 0.3120, 0.3263



9.2830, 0.3114, 0.3268



2.2251, 0.1504, 0.0602



0.0630, 0.1519, 0.0610

Inverse Universe

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



41.5553, 0.3129, 0.3263



75.5428, 0.3128, 0.3266



42.1221, 0.3135, 0.3317



9.3239, 0.3128, 0.3268



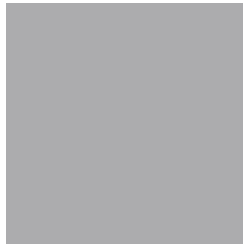
8.7005, 0.3231, 0.1554



0.2424, 0.3224, 0.1550

Previews

White Background



This preview shows how the Yxy color 41.3317, 0.3111, 0.3263 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 41.3317, 0.3111, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

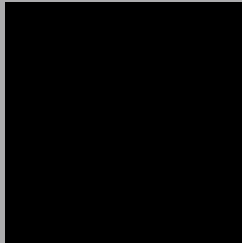
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

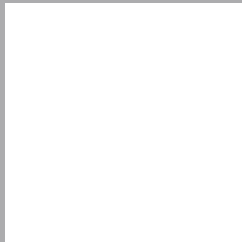
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.3317, 0.3111, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 41.3317, 0.3111, 0.3263.

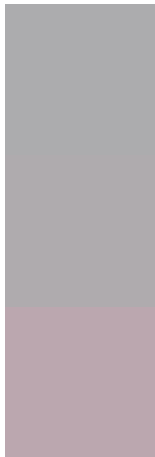


This preview shows how white text looks on a background with the Yxy color 41.3317, 0.3111, 0.3263.

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

41.3317, 0.3111, 0.3263

Protanopia

41.2958, 0.3138, 0.3249

Deuteranopia

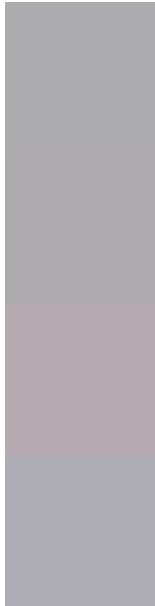
41.2974, 0.3243, 0.3185



Tritanopia

41.2088, 0.3047, 0.3102

Trichromacy



Original Color

41.3317, 0.3111, 0.3263

Protanomaly

41.1805, 0.3129, 0.3249

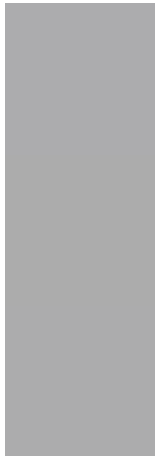
Deuteranomaly

41.4162, 0.3195, 0.3210

Tritanomaly

41.3053, 0.3071, 0.3168

Monochromacy



Original Color

41.3317, 0.3111, 0.3263

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.2928, 0.3119, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3317, 0.3111, 0.3263 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(172, 172, 174)` looks like.

```
.text, #text, p{  
    color:rgb(172, 172, 174)  
}
```

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(172, 172, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 172, 174) }
```

Border

The CSS property to change the border of an element to Yxy 41.3317, 0.3111, 0.3263 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(172, 172, 174) }
```

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

```
.border{ border-color:rgb(172, 172, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 172, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 172, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 172, 174);  
box-shadow:4px 4px 4px 4px rgb(172, 172,  
174) }
```

Background

The CSS property to change the background color of an element to Yxy 41.3317, 0.3111, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 172, 174) }
```

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

```
.background{ background-color: rgb(172,  
172, 174) }
```

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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