

Converting Colors

$Yxy(41.1084, 0.3164, 0.3381)$

Have a look what the booklet for
Yxy(41.1084, 0.3164, 0.3381)
contains.

Yxy(41.2982, 0.3167, 0.3387)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.2982, 0.3167, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	ABADA6
RGB	171, 173, 166
RGB Percent	67%, 68%, 65%
CMY	0.3296, 0.3215, 0.3490
CMYK	0.01, 0.00, 0.04, 0.32
HSL	78°, 4%, 66%
HSV	78°, 4%, 68%
XYZ	38.6157, 41.2982, 42.0176
YIQ	171.6040, 1.0550, -2.6010

Conversions

Conversions Part 2

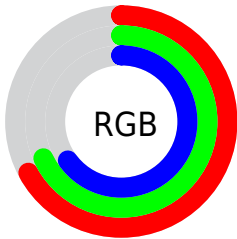
Format	Color
RYB	166, 173, 168
Decimal	11251110
CIELab	70.38, -2.03, 3.33
CIELCh	70, 3.897, 121.307
Yxy	41.2982, 0.3167, 0.3387
Android (android.graphics.Color)	4289441190 (0xFFABADA6)
YUV	171.6040, -2.7628, -0.5297
Hunter-Lab	64.2637, -5.2017, 6.2189

Details

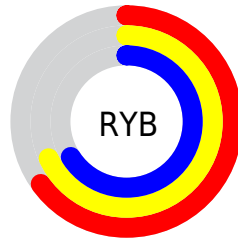
The Yxy color **41.2982, 0.3167, 0.3387** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6262, 0.3086, 0.3192**, and the grayscale version is **41.0569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8760, 0.3158, 0.3365**, and **18.8116, 0.3183, 0.3425** is the 20% darker color. If you saturate the color by 10%, you get **40.1489, 0.3267, 0.3638**, and if you desaturate by 10%, it is **42.5583, 0.3070, 0.3153**.

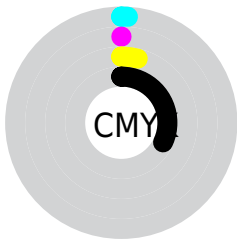
Distribution



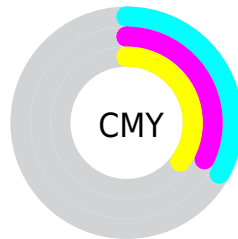
- Red (67%)
- Green (68%)
- Blue (65%)



- Red (65%)
- Yellow (68%)
- Blue (66%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (32%)



- Cyan (33%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2982, 0.3167, 0.3387 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 41.2982, 0.3167, 0.3387 by changing the saturation by 10% instead.


 41.2982, 0.3167,
0.3387

 41.2982, 0.3167,
0.3387


351.5654, 0.3147,
0.3337

 28.5522, 0.3172,
0.3400


 77.1364, 0.3160,
0.3369

 18.7423, 0.3179,
0.3417


 100.9973, 0.3157,
0.3362

 11.4842, 0.3188,
0.3439


129.3320, 0.3155,
0.3356

 6.3935, 0.3201,
0.3472

162.5248, 0.3153,
0.3351

 3.0858, 0.3220,
0.3523

200.9601, 0.3151,
0.3347

 1.1767, 0.3254,
0.3614

245.0224, 0.3149,

 0.0425, 0.0000,

0.3343

1.0000

295.0960, 0.3148,
0.3340

0.0000, 0.0000,
0.0000

41.2982, 0.3167,
0.3387

41.2982, 0.3167,
0.3387

40.1489, 0.3267,
0.3638

42.5583, 0.3070,
0.3153

39.1015, 0.3366,
0.3901

43.9273, 0.2976,
0.2936

38.1538, 0.3461,
0.4172

45.4103, 0.2888,
0.2739

37.3018, 0.3548,
0.4441

47.0103, 0.2805,
0.2560

36.5409, 0.3621,
0.4699

48.7304, 0.2729,
0.2398

■ 35.8664, 0.3677,
0.4934

■ 49.5817, 0.2750,
0.2385

■ 35.2726, 0.3710,
0.5134

■ 50.2975, 0.2788,
0.2394

■ 34.7535, 0.3719,
0.5292

■ 51.0366, 0.2826,
0.2404

■ 34.3015, 0.3703,
0.5403

■ 51.7995, 0.2864,
0.2413

Harmonies

Analogous

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



41.2982, 0.3214, 0.3384



41.2982, 0.3167, 0.3387



41.2982, 0.3110, 0.3364

Triad

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



41.2982, 0.3167, 0.3387



41.2982, 0.3018, 0.3224



41.2982, 0.3197, 0.3260

Complementary

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



41.2982, 0.3167, 0.3387



38.6262, 0.3086, 0.3192

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.



41.2982, 0.3144, 0.3218



41.2982, 0.3167, 0.3387



41.2982, 0.3041, 0.3197

Square

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



41.2982, 0.3167, 0.3387



41.2982, 0.3024, 0.3269



41.2982, 0.3087, 0.3195



41.2982, 0.3231, 0.3310

Rectangle

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



41.2982, 0.3167, 0.3387



41.2982, 0.3074, 0.3336



41.2982, 0.3087, 0.3195



41.2982, 0.3181, 0.3245

Sweetspot

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



41.3000, 0.3167, 0.3387



74.6151, 0.3137, 0.3314



39.6432, 0.3190, 0.3318



16.2183, 0.3137, 0.3313



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.



41.3000, 0.3167, 0.3387



73.7298, 0.3177, 0.3412



40.9194, 0.3136, 0.3388



9.3090, 0.3182, 0.3425



25.0440, 0.3692, 0.5450



0.7230, 0.3851, 0.5324

Inverse Universe

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



38.6262, 0.3086, 0.3192



67.7528, 0.3075, 0.3166



39.0083, 0.3118, 0.3193



8.4824, 0.3070, 0.3154



2.7536, 0.1707, 0.0714



0.1050, 0.2056, 0.0906

Previews

White Background



This preview shows how the Yxy color 41.2982, 0.3167, 0.3387 looks on a white background.

Color Contrast Check

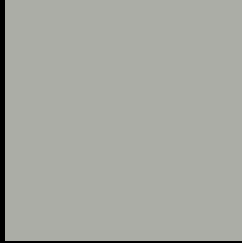
Large Text (above 18pt) WCAG AA × Fail

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 41.2982, 0.3167, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

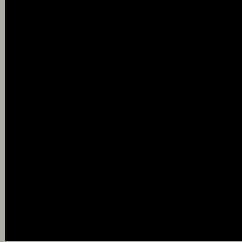
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

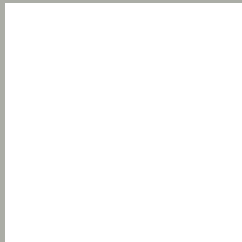
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.2982, 0.3167, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 41.2982, 0.3167, 0.3387.



This preview shows how white text looks on a background with the Yxy color 41.2982, 0.3167, 0.3387.

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

41.2982, 0.3167, 0.3387

Protanopia

41.1895, 0.3233, 0.3372

Deuteranopia

41.0096, 0.3344, 0.3277



Tritanopia

41.2088, 0.3047, 0.3102

Trichromacy



Original Color

41.2982, 0.3167, 0.3387

Protanomaly

41.3356, 0.3213, 0.3386

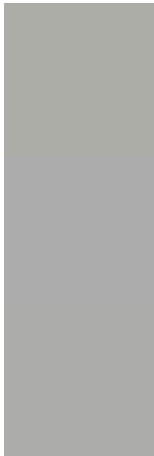
Deuteranomaly

41.2332, 0.3274, 0.3317

Tritanomaly

41.1844, 0.3095, 0.3208

Monochromacy



Original Color

41.2982, 0.3167, 0.3387

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.1780, 0.3144, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2982, 0.3167, 0.3387 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(171, 173, 166)` looks like.

```
.text, #text, p{  
    color:rgb(171, 173, 166)  
}
```

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(171, 173, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 173, 166) }
```

Border

The CSS property to change the border of an element to Yxy 41.2982, 0.3167, 0.3387 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(171, 173, 166) }
```

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

```
.border{ border-color:rgb(171, 173, 166) }
```

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

Here you see how a box with a 4 pixel rgb(171, 173, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 173, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 173, 166);  
box-shadow:4px 4px 4px 4px rgb(171, 173,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2982, 0.3167, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 173, 166) }
```

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

```
.background{ background-color: rgb(171,  
173, 166) }
```

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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