

Converting Colors

$Yxy(33.1613, 0.3227, 0.3184)$

Have a look what the booklet for
Yxy(33.1613, 0.3227, 0.3184)
contains.

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Color

Yxy(33.2845, 0.3223, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	A8989F
RGB	168, 152, 159
RGB Percent	66%, 60%, 62%
CMY	0.3410, 0.4039, 0.3765
CMYK	0.00, 0.10, 0.05, 0.34
HSL	334°, 8%, 63%
HSV	334°, 10%, 66%
XYZ	33.6394, 33.2845, 37.4490
YIQ	157.5820, 7.2890, 5.5690

Conversions

Conversions Part 2

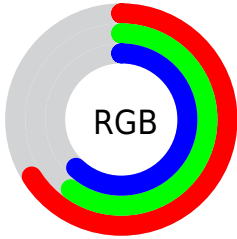
Format	Color
R _Y B	168, 152, 159
Decimal	11049119
CIE Lab	64.39, 7.17, -1.52
CIE LCh	64, 7.326, 348.001
Yxy	33.2845, 0.3223, 0.3189
Android (android.graphics.Color)	4289239199 (0xFFA8989F)
YUV	157.5820, 0.6991, 9.1366
Hunter-Lab	57.6927, 3.1172, 1.8991

Details

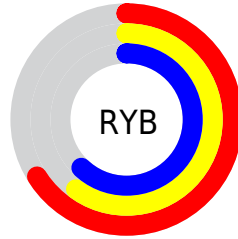
The Yxy color **33.2845, 0.3223, 0.3189** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2670, 0.3040, 0.3393**, and the grayscale version is **33.9894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6856, 0.3200, 0.3202**, and **14.1031, 0.3250, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **27.8963, 0.3344, 0.3077**, and if you desaturate by 10%, it is **39.4735, 0.3123, 0.3295**.

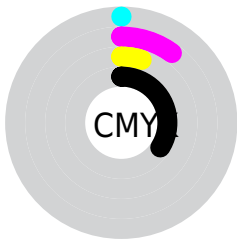
Distribution



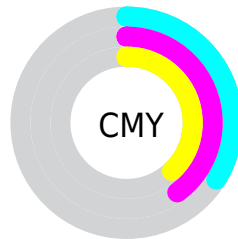
- Red (66%)
- Green (60%)
- Blue (62%)



- Red (66%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (34%)



- Cyan (34%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.2845, 0.3223, 0.3189 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 33.2845, 0.3223, 0.3189 by changing the saturation by 10% instead.

■ 33.2845, 0.3223,
0.3189

■ 33.2845, 0.3223,
0.3189

316.9298, 0.3173,
0.3242

■ 22.3445, 0.3236,
0.3175

■ 64.8194, 0.3204,
0.3209

■ 14.1102, 0.3254,
0.3156

■ 86.1832, 0.3197,
0.3216

■ 8.1974, 0.3279,
0.3130

111.7902, 0.3191,
0.3222

■ 4.2215, 0.3316,
0.3092

142.0251, 0.3186,
0.3227

■ 1.7982, 0.3377,
0.3029

177.2720, 0.3182,
0.3232

■ 0.4861, 0.3621,
0.2764


217.9155, 0.3179,


■ 0.0000, 0.0000,


0.3236


0.0000


264.3400, 0.3175,
0.3239

 33.2845, 0.3223,
0.3189


 33.2845, 0.3223,
0.3189


 27.8963, 0.3344,
0.3077


 39.4735, 0.3123,
0.3295


 23.2717, 0.3490,
0.2962


 46.4900, 0.3041,
0.3393

 19.3770, 0.3664,
0.2847

 54.3646, 0.2973,
0.3484

 16.1742, 0.3868,
0.2739

 63.1253, 0.2916,
0.3568

 13.6218, 0.4103,
0.2646

 72.7987, 0.2870,
0.3644

■ 11.6741, 0.4365,
0.2580

■ 83.4102, 0.2831,
0.3714

■ 10.2789, 0.4645,
0.2553

■ 85.3005, 0.2786,
0.3625

■ 9.3753, 0.4927,
0.2575

■ 85.8327, 0.2739,
0.3515

■ 8.8363, 0.5199,
0.2641

■ 86.3941, 0.2693,
0.3408

Harmonies

Analogous

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



33.2845, 0.3108, 0.3121



33.2845, 0.3223, 0.3189



33.2845, 0.3313, 0.3284

Triad

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



33.2845, 0.3223, 0.3189



33.2845, 0.3253, 0.3491



33.2845, 0.2907, 0.3192

Complementary

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



33.2845, 0.3223, 0.3189



37.2670, 0.3040, 0.3393

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.



33.2845, 0.2944, 0.3292



33.2845, 0.3223, 0.3189



33.2845, 0.3143, 0.3468

Square

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



33.2845, 0.3223, 0.3189



33.2845, 0.3331, 0.3458



33.2845, 0.3030, 0.3394



33.2845, 0.2927, 0.3121

Rectangle

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



33.2845, 0.3223, 0.3189



33.2845, 0.3346, 0.3350



33.2845, 0.3030, 0.3394



33.2845, 0.2913, 0.3223

Sweetspot

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



33.2860, 0.3223, 0.3189



67.4917, 0.3156, 0.3258



32.8408, 0.3067, 0.3056



14.5149, 0.3164, 0.3250



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



33.2860, 0.3223, 0.3189



58.6581, 0.3241, 0.3171



33.3110, 0.3289, 0.3302



7.5947, 0.3220, 0.3192



6.6629, 0.5187, 0.2631



0.1725, 0.4381, 0.2187

Inverse Universe

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



33.2860, 0.3223, 0.3189



58.6581, 0.3241, 0.3171



37.2257, 0.2983, 0.3278



7.5947, 0.3220, 0.3192



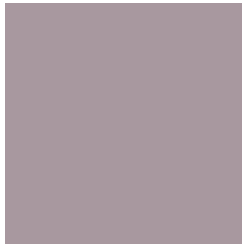
6.6629, 0.5187, 0.2631



0.1725, 0.4381, 0.2187

Previews

White Background



This preview shows how the Yxy color 33.2845, 0.3223, 0.3189 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 33.2845, 0.3223, 0.3189 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 33.2845, 0.3223, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 33.2845, 0.3223, 0.3189.



This preview shows how white text looks on a background with the Yxy color 33.2845, 0.3223, 0.3189.

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

33.2845, 0.3223, 0.3189

Protanopia

33.2850, 0.3102, 0.3201

Deuteranopia

33.1825, 0.3244, 0.3175



Tritanopia

33.2126, 0.3196, 0.3118

Trichromacy



Original Color

33.2845, 0.3223, 0.3189

Protanomaly

33.3306, 0.3151, 0.3202

Deuteranomaly

33.0714, 0.3234, 0.3175

Tritanomaly

33.1769, 0.3205, 0.3132

Monochromacy



Original Color

33.2845, 0.3223, 0.3189

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.9269, 0.3168, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2845, 0.3223, 0.3189 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(168, 152, 159)` looks like.

```
.text, #text, p{  
    color:rgb(168, 152, 159)  
}
```

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(168, 152, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 152, 159) }
```

Border

The CSS property to change the border of an element to Yxy 33.2845, 0.3223, 0.3189 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(168, 152, 159) }
```

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

```
.border{ border-color:rgb(168, 152, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 152, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 152, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 152, 159);  
box-shadow:4px 4px 4px 4px rgb(168, 152,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2845, 0.3223, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 152, 159) }
```

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

```
.background{ background-color: rgb(168,  
152, 159) }
```

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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