

Converting Colors

$Y_{xy}(28.3231, 0.3328, 0.3181)$

Have a look what the booklet for
Yxy(28.3231, 0.3328, 0.3181)
contains.

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Color

Yxy(28.4331, 0.3330, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	A48B92
RGB	164, 139, 146
RGB Percent	64%, 55%, 57%
CMY	0.3569, 0.4549, 0.4275
CMYK	0.00, 0.15, 0.11, 0.36
HSL	343°, 12%, 59%
HSV	343°, 15%, 64%
XYZ	29.7275, 28.4331, 31.1113
YIQ	147.2730, 12.6530, 7.4770

Conversions

Conversions Part 2

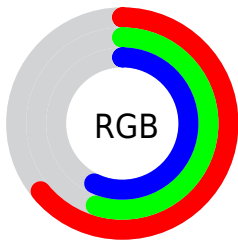
Format	Color
RYB	164, 139, 146
Decimal	10783634
CIELab	60.28, 10.61, -0.22
CIELCh	60, 10.616, 358.837
Yxy	28.4331, 0.3330, 0.3185
Android (android.graphics.Color)	4288973714 (0xFFA48B92)
YUV	147.2730, -0.6276, 14.6696
Hunter-Lab	53.3227, 6.1995, 2.7330

Details

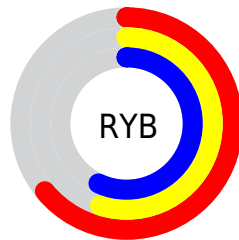
The Yxy color **28.4331, 0.3330, 0.3185** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4695, 0.2958, 0.3398**, and the grayscale version is **29.2950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.3701, 0.3285, 0.3210**, and **11.4340, 0.3395, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **23.6870, 0.3502, 0.3111**, and if you desaturate by 10%, it is **33.9321, 0.3190, 0.3255**.

Distribution



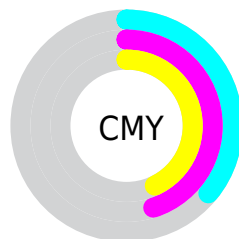
- Red (64%)
- Green (55%)
- Blue (57%)



- Red (64%)
- Yellow (55%)
- Blue (57%)



- Cyan (0%)
- Magenta (15%)
- Yellow (11%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4331, 0.3330, 0.3185 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 28.4331, 0.3330, 0.3185 by changing the saturation by 10% instead.

 28.4331, 0.3330,
0.3185


 28.4331, 0.3330,
0.3185


294.5307, 0.3220,
0.3242


 18.6524, 0.3361,
0.3169


 57.1752, 0.3288,
0.3207

 11.4194, 0.3402,
0.3148


 76.9053, 0.3273,
0.3215

 6.3497, 0.3461,
0.3117


 100.7207, 0.3260,
0.3221

 3.0588, 0.3553,
0.3070

129.0058, 0.3250,
0.3227

 1.1625, 0.3714,
0.2987

162.1450, 0.3241,
0.3231

 0.0308, 0.7842,
0.0837

200.5226, 0.3233,

 0.0000, 0.0000,

0.3235

0.0000

244.5230, 0.3226,
0.3239

■ 28.4331, 0.3330,
0.3185

■ 28.4331, 0.3330,
0.3185

■ 23.6870, 0.3502,
0.3111

■ 33.9321, 0.3190,
0.3255

■ 19.6572, 0.3710,
0.3037

■ 40.2108, 0.3075,
0.3321

■ 16.3098, 0.3961,
0.2965

■ 47.2997, 0.2982,
0.3381

■ 13.6067, 0.4257,
0.2903

■ 55.2262, 0.2905,
0.3436

■ 11.5057, 0.4595,
0.2859

■ 64.0165, 0.2842,
0.3486

■ 9.9599, 0.4960,
0.2846

■ 73.6957, 0.2790,
0.3532

■ 8.9153, 0.5328,
0.2871

■ 84.2879, 0.2747,
0.3574

■ 8.3038, 0.5664,
0.2940

■ 85.7326, 0.2691,
0.3450

■ 8.0867, 0.5812,
0.2975

■ 86.4599, 0.2636,
0.3318

Harmonies

Analogous

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



28.4331, 0.3162, 0.3065



28.4331, 0.3330, 0.3185



28.4331, 0.3445, 0.3333

Triad

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



28.4331, 0.3330, 0.3185



28.4331, 0.3261, 0.3596



28.4331, 0.2794, 0.3092

Complementary

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



28.4331, 0.3330, 0.3185



34.4695, 0.2958, 0.3398

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.



28.4331, 0.2819, 0.3233



28.4331, 0.3330, 0.3185



28.4331, 0.3086, 0.3531

Square

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



28.4331, 0.3330, 0.3185



28.4331, 0.3403, 0.3574



28.4331, 0.2925, 0.3396



28.4331, 0.2855, 0.3009

Rectangle

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



28.4331, 0.3330, 0.3185



28.4331, 0.3474, 0.3431



28.4331, 0.2925, 0.3396



28.4331, 0.2793, 0.3134

Sweetspot

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



28.4344, 0.3330, 0.3185



61.7497, 0.3188, 0.3256



28.3072, 0.3070, 0.2914



13.3448, 0.3197, 0.3252



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.



28.4344, 0.3330, 0.3185



48.8005, 0.3380, 0.3162



29.8298, 0.3393, 0.3373



7.1170, 0.3243, 0.3227



6.2091, 0.5787, 0.2962



0.1381, 0.4828, 0.2433

Inverse Universe

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



28.4344, 0.3330, 0.3185



48.8005, 0.3380, 0.3162



32.8194, 0.2898, 0.3206



7.1170, 0.3243, 0.3227



6.2091, 0.5787, 0.2962



0.1381, 0.4828, 0.2433

Previews

White Background



This preview shows how the Yxy color 28.4331, 0.3330, 0.3185 looks on a white background.

Color Contrast Check

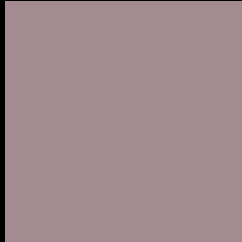
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4331, 0.3330, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

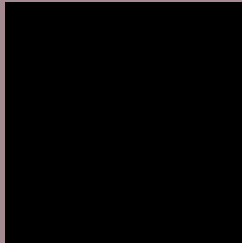
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4331, 0.3330, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 28.4331, 0.3330, 0.3185.



This preview shows how white text looks on a background with the Yxy color 28.4331, 0.3330, 0.3185.

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

28.4331, 0.3330, 0.3185

Protanopia

28.6238, 0.3109, 0.3227

Deuteranopia

28.4960, 0.3272, 0.3214



Tritanopia

28.2394, 0.3300, 0.3125

Trichromacy



Original Color

28.4331, 0.3330, 0.3185

Protanomaly

28.5553, 0.3184, 0.3212

Deuteranomaly

28.4086, 0.3295, 0.3199

Tritanomaly

28.2076, 0.3311, 0.3140

Monochromacy



Original Color

28.4331, 0.3330, 0.3185

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.8254, 0.3193, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4331, 0.3330, 0.3185 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, 139, 146)` looks like.

```
.text, #text, p{  
    color:rgb(164, 139, 146)  
}
```

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, 139, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 139, 146) }
```

Border

The CSS property to change the border of an element to Yxy 28.4331, 0.3330, 0.3185 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, 139, 146) }
```

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

```
.border{ border-color:rgb(164, 139, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 139, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 139, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 139, 146);  
box-shadow:4px 4px 4px 4px rgb(164, 139,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4331, 0.3330, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 139, 146) }
```

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

```
.background{ background-color: rgb(164,  
139, 146) }
```

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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