

Converting Colors

$Y_{xy}(28.2402, 0.3328, 0.3508)$

Have a look what the booklet for
Yxy(28.2402, 0.3328, 0.3508)
contains.

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Color

Yxy(28.0692, 0.3323, 0.3500)

Conversions

Conversions Part 1

Format	Color
Hex	969083
RGB	150, 144, 131
RGB Percent	59%, 56%, 51%
CMY	0.4117, 0.4353, 0.4863
CMYK	0.00, 0.04, 0.13, 0.41
HSL	41°, 8%, 55%
HSV	41°, 13%, 59%
XYZ	26.6497, 28.0692, 25.4788
YIQ	144.3120, 7.7490, -2.7710

Conversions

Conversions Part 2

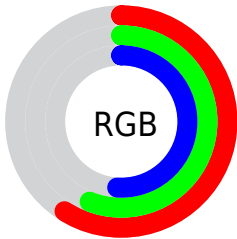
Format	Color
R_{YB}	140, 150, 131
Decimal	9867395
CIE Lab	59.95, -0.12, 7.71
CIE LCh	60, 7.706, 90.889
Yxy	28.0692, 0.3323, 0.3500
Android (android.graphics.Color)	4288057475 (0xFF969083)
YUV	144.3120, -6.5628, 4.9884
Hunter-Lab	52.9804, -2.9282, 8.5731

Details

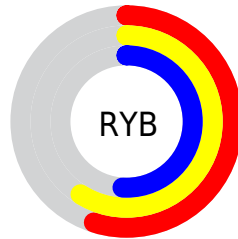
The Yxy color **28.0692, 0.3323, 0.3500** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9196, 0.2934, 0.3071**, and the grayscale version is **28.0481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6862, 0.3279, 0.3459**, and **11.2673, 0.3384, 0.3573** is the 20% darker color. If you saturate the color by 10%, you get **26.2848, 0.3494, 0.3673**, and if you desaturate by 10%, it is **29.9754, 0.3167, 0.3333**.

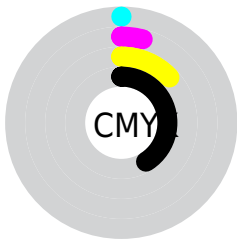
Distribution



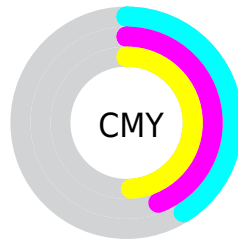
- Red (59%)
- Green (56%)
- Blue (51%)



- Red (55%)
- Yellow (59%)
- Blue (51%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (41%)





- Cyan (41%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0692, 0.3323, 0.3500 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 28.0692, 0.3323, 0.3500 by changing the saturation by 10% instead.


 28.0692, 0.3323,
0.3500


 28.0692, 0.3323,
0.3500


292.7974, 0.3217,
0.3386


 18.3778, 0.3353,
0.3532


 56.5949, 0.3282,
0.3456

 11.2216, 0.3393,
0.3575


 76.1980, 0.3268,
0.3441

 6.2161, 0.3450,
0.3637

 99.8739, 0.3255,
0.3428

 2.9769, 0.3539,
0.3732

128.0068, 0.3245,
0.3417

 1.1197, 0.3734,
0.3941

160.9812, 0.3237,
0.3407

 0.0000, 0.0000,
0.0000

199.1815, 0.3229,

0.3399

242.9921, 0.3223,
0.3392

■ 28.0692, 0.3323,
0.3500

■ 28.0692, 0.3323,
0.3500

■ 26.2848, 0.3494,
0.3673

■ 29.9754, 0.3167,
0.3333

■ 24.6153, 0.3678,
0.3849

■ 32.0029, 0.3025,
0.3176

■ 23.0585, 0.3873,
0.4021

■ 34.1558, 0.2898,
0.3029

■ 21.6107, 0.4074,
0.4181

■ 36.4369, 0.2784,
0.2892

■ 20.2679, 0.4273,
0.4321

■ 38.8490, 0.2683,
0.2767

■ 19.0257, 0.4463,
0.4429

■ 41.3946, 0.2592,
0.2651

■ 17.8793, 0.4634,
0.4497

■ 44.0763, 0.2512,
0.2546

■ 16.8230, 0.4779,
0.4517

■ 46.8966, 0.2440,
0.2449

■ 16.0983, 0.4874,
0.4512

■ 49.1287, 0.2429,
0.2469

Harmonies

Analogous

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



28.0692, 0.3376, 0.3433



28.0692, 0.3323, 0.3500



28.0692, 0.3217, 0.3511

Triad

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



28.0692, 0.3323, 0.3500



28.0692, 0.2898, 0.3242



28.0692, 0.3162, 0.3130

Complementary

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



28.0692, 0.3323, 0.3500



24.9196, 0.2934, 0.3071

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.



28.0692, 0.3034, 0.3079



28.0692, 0.3323, 0.3500



28.0692, 0.2884, 0.3141

Square

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



28.0692, 0.3323, 0.3500



28.0692, 0.2973, 0.3359



28.0692, 0.2933, 0.3083



28.0692, 0.3282, 0.3221

Rectangle

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



28.0692, 0.3323, 0.3500



28.0692, 0.3132, 0.3483



28.0692, 0.2933, 0.3083



28.0692, 0.3118, 0.3107

Sweetspot

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



28.0704, 0.3323, 0.3500



52.4033, 0.3187, 0.3356



24.5202, 0.3282, 0.3192



11.5603, 0.3198, 0.3367



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



28.0704, 0.3323, 0.3500



48.6812, 0.3366, 0.3545



29.6183, 0.3274, 0.3597



6.4383, 0.3267, 0.3441



13.4062, 0.4867, 0.4517



0.2172, 0.4502, 0.4808

Inverse Universe

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



24.9196, 0.2934, 0.3071



42.1008, 0.2892, 0.3022



23.5374, 0.2969, 0.2971



5.9147, 0.2989, 0.3135



3.5958, 0.1633, 0.1077



0.0924, 0.1858, 0.1889

Previews

White Background



This preview shows how the Yxy color 28.0692, 0.3323, 0.3500 looks on a white background.

Color Contrast Check

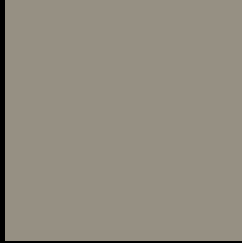
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0692, 0.3323, 0.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

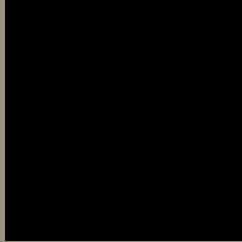
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0692, 0.3323, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 28.0692, 0.3323, 0.3500.

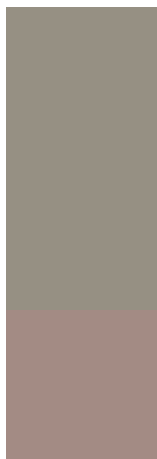


This preview shows how white text looks on a background with the Yxy color 28.0692, 0.3323, 0.3500.

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

28.0692, 0.3323, 0.3500

Protanopia

28.0692, 0.3323, 0.3500

Deuteranopia

27.9177, 0.3470, 0.3399



Tritanopia

28.0891, 0.3146, 0.3119

Trichromacy



Original Color

28.0692, 0.3323, 0.3500

Protanomaly

28.0692, 0.3323, 0.3500

Deuteranomaly

27.9848, 0.3408, 0.3432

Tritanomaly

28.0350, 0.3215, 0.3259

Monochromacy



Original Color

28.0692, 0.3323, 0.3500

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.9216, 0.3198, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0692, 0.3323, 0.3500 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(150, 144, 131)` looks like.

```
.text, #text, p{  
    color:rgb(150, 144, 131)  
}
```

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(150, 144, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 144, 131) }
```

Border

The CSS property to change the border of an element to Yxy 28.0692, 0.3323, 0.3500 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(150, 144, 131) }
```

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

```
.border{ border-color:rgb(150, 144, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 144, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 144, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 144, 131);  
box-shadow:4px 4px 4px 4px rgb(150, 144,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0692, 0.3323, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 144, 131) }
```

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

```
.background{ background-color: rgb(150,  
144, 131) }
```

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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