

Converting Colors

$Y_{xy}(28.8556, 0.3299, 0.3481)$

Have a look what the booklet for
Yxy(28.8556, 0.3299, 0.3481)
contains.

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Color

Yxy(28.8583, 0.3299, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	979286
RGB	151, 146, 134
RGB Percent	59%, 57%, 53%
CMY	0.4079, 0.4274, 0.4746
CMYK	0.00, 0.03, 0.11, 0.41
HSL	42°, 8%, 56%
HSV	42°, 11%, 59%
XYZ	27.3416, 28.8583, 26.6786
YIQ	146.1270, 6.8320, -2.6720

Conversions

Conversions Part 2

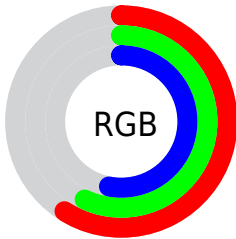
Format	Color
R_{YB}	141, 151, 134
Decimal	9933446
CIE Lab	60.66, -0.35, 7.02
CIE LCh	61, 7.025, 92.864
Yxy	28.8583, 0.3299, 0.3482
Android (android.graphics.Color)	4288123526 (0xFF979286)
YUV	146.1270, -5.9786, 4.2736
Hunter-Lab	53.7199, -3.1594, 8.1591

Details

The Yxy color **28.8583, 0.3299, 0.3482** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7560, 0.2957, 0.3090**, and the grayscale version is **28.8218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.8755, 0.3262, 0.3446**, and **11.7152, 0.3363, 0.3569** is the 20% darker color. If you saturate the color by 10%, you get **27.1313, 0.3466, 0.3660**, and if you desaturate by 10%, it is **30.7006, 0.3145, 0.3311**.

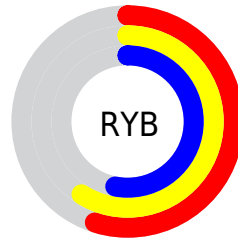
Distribution



Red (59%)

Green (57%)

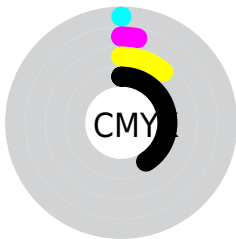
Blue (53%)



Red (55%)

Yellow (59%)

Blue (53%)

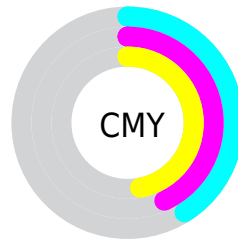


Cyan (0%)

Magenta (3%)

Yellow (11%)

Black (41%)



Cyan (41%)


Magenta (43%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8583, 0.3299, 0.3482 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 28.8583, 0.3299, 0.3482 by changing the saturation by 10% instead.


 28.8583, 0.3299,
0.3482

 28.8583, 0.3299,
0.3482

296.5458, 0.3206,
0.3378


 18.9737, 0.3325,
0.3511


 57.8519, 0.3263,
0.3442

 11.6512, 0.3359,
0.3550


 77.7296, 0.3251,
0.3428

 6.5067, 0.3409,
0.3605


 101.7071, 0.3240,
0.3416

 3.1555, 0.3485,
0.3691

130.1689, 0.3231,
0.3406

 1.2135, 0.3628,
0.3852

163.4992, 0.3224,
0.3398

 0.0727, 0.4543,
0.5457

202.0825, 0.3217,

 0.0000, 0.0000,

0.3390

0.0000

246.3033, 0.3211,
0.3384

■ 28.8583, 0.3299,
0.3482

■ 28.8583, 0.3299,
0.3482

■ 27.1313, 0.3466,
0.3660

■ 30.7006, 0.3145,
0.3311

■ 25.5128, 0.3646,
0.3841

■ 32.6575, 0.3006,
0.3149

■ 24.0007, 0.3836,
0.4019

■ 34.7331, 0.2881,
0.2998

■ 22.5915, 0.4030,
0.4187

■ 36.9299, 0.2768,
0.2858

■ 21.2813, 0.4223,
0.4334

■ 39.2507, 0.2667,
0.2730

■ 20.0660, 0.4406,
0.4452

■ 41.6980, 0.2577,
0.2612

■ 18.9408, 0.4570,
0.4529

■ 44.2741, 0.2497,
0.2504

■ 17.9003, 0.4708,
0.4561

■ 46.9814, 0.2425,
0.2405

■ 17.0489, 0.4813,
0.4560

■ 48.8267, 0.2433,
0.2458

Harmonies

Analogous

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



28.8583, 0.3351, 0.3425



28.8583, 0.3299, 0.3482



28.8583, 0.3201, 0.3488

Triad

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



28.8583, 0.3299, 0.3482



28.8583, 0.2918, 0.3240



28.8583, 0.3166, 0.3149

Complementary

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



28.8583, 0.3299, 0.3482



25.7560, 0.2957, 0.3090

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.



28.8583, 0.3050, 0.3101



28.8583, 0.3299, 0.3482



28.8583, 0.2908, 0.3151

Square

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



28.8583, 0.3299, 0.3482



28.8583, 0.2982, 0.3346



28.8583, 0.2957, 0.3101



28.8583, 0.3273, 0.3234

Rectangle

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



28.8583, 0.3299, 0.3482



28.8583, 0.3124, 0.3460



28.8583, 0.2957, 0.3101



28.8583, 0.3127, 0.3128

Sweetspot

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



28.8596, 0.3299, 0.3482



54.3832, 0.3172, 0.3341



25.4914, 0.3266, 0.3208



12.3018, 0.3184, 0.3354



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



28.8596, 0.3299, 0.3482



50.7382, 0.3348, 0.3535



30.1068, 0.3254, 0.3562



6.9173, 0.3267, 0.3447



14.5577, 0.4809, 0.4564



0.2794, 0.4487, 0.4819

Inverse Universe

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



25.7560, 0.2957, 0.3090



43.8291, 0.2908, 0.3032



24.6319, 0.2992, 0.3009



6.3064, 0.2988, 0.3128



3.4906, 0.1616, 0.1017



0.1094, 0.1833, 0.1798

Previews

White Background



This preview shows how the Yxy color 28.8583, 0.3299, 0.3482 looks on a white background.

Color Contrast Check

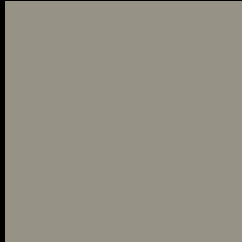
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8583, 0.3299, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

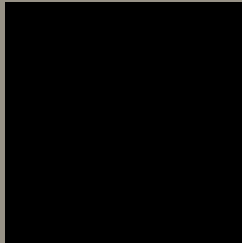
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

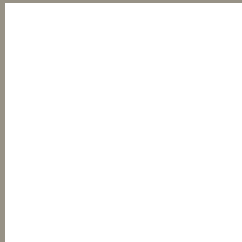
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.8583, 0.3299, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 28.8583, 0.3299, 0.3482.



This preview shows how white text looks on a background with the Yxy color 28.8583, 0.3299, 0.3482.

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

28.8583, 0.3299, 0.3482

Protanopia

28.9544, 0.3310, 0.3481

Deuteranopia

28.7984, 0.3455, 0.3382



Tritanopia

28.8480, 0.3135, 0.3121

Trichromacy



Original Color

28.8583, 0.3299, 0.3482

Protanomaly

28.9544, 0.3310, 0.3481

Deuteranomaly

28.8678, 0.3394, 0.3415

Tritanomaly

28.8254, 0.3193, 0.3243

Monochromacy



Original Color

28.8583, 0.3299, 0.3482

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.8067, 0.3187, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8583, 0.3299, 0.3482 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(151, 146, 134)` looks like.

```
.text, #text, p{  
    color:rgb(151, 146, 134)  
}
```

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(151, 146, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 146, 134) }
```

Border

The CSS property to change the border of an element to Yxy 28.8583, 0.3299, 0.3482 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(151, 146, 134) }
```

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

```
.border{ border-color:rgb(151, 146, 134) }
```

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

Here you see how a box with a 4 pixel rgb(151, 146, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 146, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 146, 134);  
box-shadow:4px 4px 4px 4px rgb(151, 146,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8583, 0.3299, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 146, 134) }
```

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

```
.background{ background-color: rgb(151,  
146, 134) }
```

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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