

Converting Colors

$Y_{xy}(28.6588, 0.3277, 0.3316)$

Have a look what the booklet for
Yxy(28.6588, 0.3277, 0.3316)
contains.

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Color

Yxy(28.6658, 0.3277, 0.3306)

Conversions

Conversions Part 1

Format	Color
Hex	9C8F8E
RGB	156, 143, 142
RGB Percent	61%, 56%, 56%
CMY	0.3883, 0.4392, 0.4431
CMYK	0.00, 0.08, 0.09, 0.39
HSL	4°, 7%, 58%
HSV	4°, 9%, 61%
XYZ	28.4143, 28.6658, 29.6283
YIQ	146.7730, 8.0690, 2.4450

Conversions

Conversions Part 2

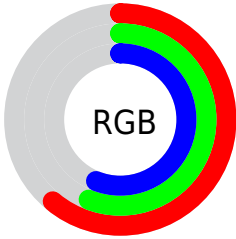
Format	Color
R _Y B	156, 143, 142
Decimal	10260366
CIE Lab	60.49, 4.65, 2.27
CIE LCh	60, 5.171, 26.032
Yxy	28.6658, 0.3277, 0.3306
Android (android.graphics.Color)	4288450446 (0xFF9C8F8E)
YUV	146.7730, -2.3531, 8.0921
Hunter-Lab	53.5405, 1.0356, 4.6684

Details

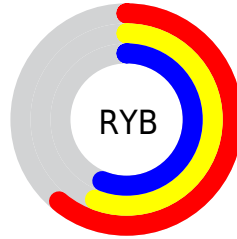
The Yxy color **28.6658, 0.3277, 0.3306** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **31.5914, 0.2993, 0.3274**, and the grayscale version is **29.0867, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.7669, 0.3246, 0.3302**, and **11.6047, 0.3332, 0.3313** is the 20% darker color. If you saturate the color by 10%, you get **24.1591, 0.3481, 0.3325**, and if you desaturate by 10%, it is **33.8020, 0.3112, 0.3288**.

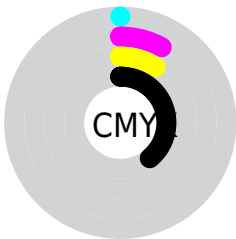
Distribution



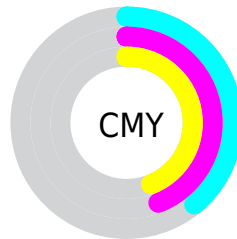
- Red (61%)
- Green (56%)
- Blue (56%)



- Red (61%)
- Yellow (56%)
- Blue (56%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (39%)




- Cyan (39%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6658, 0.3277, 0.3306 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 28.6658, 0.3277, 0.3306 by changing the saturation by 10% instead.


 28.6658, 0.3277,
0.3306


 28.6658, 0.3277,
0.3306


295.6348, 0.3196,
0.3298


 18.8282, 0.3300,
0.3308


 57.5457, 0.3246,
0.3303

 11.5462, 0.3330,
0.3311


 77.3567, 0.3235,
0.3302

 6.4355, 0.3375,
0.3314


 101.2610, 0.3225,
0.3301

 3.1116, 0.3443,
0.3320

129.6429, 0.3218,
0.3300

 1.1903, 0.3564,
0.3327

162.8868, 0.3211,
0.3299

 0.0538, 0.7537,
0.2463

201.3772, 0.3205,

 0.0000, 0.0000,

0.3299

0.0000

245.4984, 0.3200,
0.3298

■ 28.6658, 0.3277,
0.3306

■ 28.6658, 0.3277,
0.3306

■ 24.1591, 0.3481,
0.3325

■ 33.8020, 0.3112,
0.3288

■ 20.2542, 0.3731,
0.3345

■ 39.5868, 0.2977,
0.3272

■ 16.9267, 0.4036,
0.3365

■ 46.0429, 0.2867,
0.3257

■ 14.1491, 0.4399,
0.3383

■ 53.1909, 0.2777,
0.3244

■ 11.8919, 0.4816,
0.3397

■ 61.0507, 0.2702,
0.3232

■ 10.1227, 0.5265,
0.3401

■ 69.6411, 0.2639,
0.3221

■ 8.8053, 0.5703,
0.3394

■ 78.9803, 0.2587,
0.3212

■ 7.8987, 0.6066,
0.3373

■ 85.8072, 0.2588,
0.3288

■ 7.3499, 0.6315,
0.3350

Harmonies

Analogous

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



28.6658, 0.3219, 0.3233



28.6658, 0.3277, 0.3306



28.6658, 0.3294, 0.3376

Triad

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



28.6658, 0.3277, 0.3306



28.6658, 0.3116, 0.3410



28.6658, 0.2989, 0.3156

Complementary

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



28.6658, 0.3277, 0.3306



31.5914, 0.2993, 0.3274

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.



28.6658, 0.2963, 0.3201



28.6658, 0.3277, 0.3306



28.6658, 0.3035, 0.3348

Square

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



28.6658, 0.3277, 0.3306



28.6658, 0.3201, 0.3438



28.6658, 0.2980, 0.3271



28.6658, 0.3053, 0.3146

Rectangle

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



28.6658, 0.3277, 0.3306



28.6658, 0.3280, 0.3412



28.6658, 0.2980, 0.3271



28.6658, 0.2976, 0.3167

Sweetspot

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



28.6671, 0.3277, 0.3306



57.4427, 0.3175, 0.3295



28.7833, 0.3146, 0.3090



12.4802, 0.3188, 0.3297



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.6671, 0.3277, 0.3306



50.1319, 0.3319, 0.3310



30.8112, 0.3266, 0.3413



6.7186, 0.3282, 0.3307



6.0436, 0.6331, 0.3355



0.1279, 0.6021, 0.3601

Inverse Universe

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



31.5914, 0.2993, 0.3274



56.6777, 0.2959, 0.3270



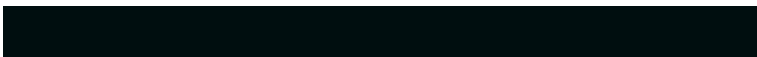
29.3520, 0.2992, 0.3164



7.4282, 0.2988, 0.3273



18.6383, 0.2186, 0.3070



0.3550, 0.2212, 0.3164

Previews

White Background



This preview shows how the Yxy color 28.6658, 0.3277, 0.3306 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 28.6658, 0.3277, 0.3306 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 28.6658, 0.3277, 0.3306

Background



This preview shows how black text looks on a background with the Yxy color 28.6658, 0.3277, 0.3306.



This preview shows how white text looks on a background with the Yxy color 28.6658, 0.3277, 0.3306.

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

28.6658, 0.3277, 0.3306

Protanopia

28.6235, 0.3189, 0.3322

Deuteranopia

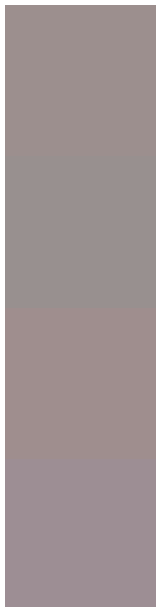
28.5798, 0.3336, 0.3275



Tritanopia

28.4848, 0.3189, 0.3122

Trichromacy



Original Color

28.6658, 0.3277, 0.3306

Protanomaly

28.6051, 0.3222, 0.3306

Deuteranomaly

28.6699, 0.3312, 0.3291

Tritanomaly

28.6522, 0.3228, 0.3198

Monochromacy



Original Color

28.6658, 0.3277, 0.3306

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.0861, 0.3179, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6658, 0.3277, 0.3306 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(156, 143, 142)` looks like.

```
.text, #text, p{  
    color:rgb(156, 143, 142)  
}
```

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(156, 143, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 143, 142) }
```

Border

The CSS property to change the border of an element to Yxy 28.6658, 0.3277, 0.3306 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(156, 143, 142) }
```

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

```
.border{ border-color:rgb(156, 143, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 143, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 143, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 143, 142);  
box-shadow:4px 4px 4px 4px rgb(156, 143,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6658, 0.3277, 0.3306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 143, 142) }
```

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

```
.background{ background-color: rgb(156,  
143, 142) }
```

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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