

Converting Colors

$Y_{xy}(28.6343, 0.3416, 0.3503)$

Have a look what the booklet for
Yxy(28.6343, 0.3416, 0.3503)
contains.

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Color

Yxy(28.7263, 0.3411, 0.3511)

Conversions

Conversions Part 1

Format	Color
Hex	9D9082
RGB	157, 144, 130
RGB Percent	62%, 56%, 51%
CMY	0.3842, 0.4353, 0.4903
CMYK	0.00, 0.08, 0.17, 0.38
HSL	31°, 12%, 56%
HSV	31°, 17%, 62%
XYZ	27.9081, 28.7263, 25.1836
YIQ	146.2910, 12.2420, -1.5980

Conversions

Conversions Part 2

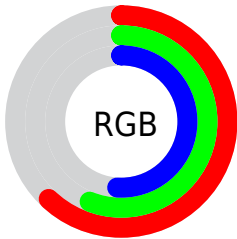
Format	Color
RYB	155, 157, 130
Decimal	10326146
CIELab	60.54, 2.42, 9.20
CIElCh	61, 9.510, 75.273
Yxy	28.7263, 0.3411, 0.3511
Android (android.graphics.Color)	4288516226 (0xFF9D9082)
YUV	146.2910, -8.0315, 9.3918
Hunter-Lab	53.5969, -0.8490, 9.6593

Details

The Yxy color **28.7263, 0.3411, 0.3511** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.8209, 0.2864, 0.3059**, and the grayscale version is **28.9007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.8041, 0.3353, 0.3467**, and **11.6027, 0.3498, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **26.1243, 0.3605, 0.3647**, and if you desaturate by 10%, it is **31.5485, 0.3239, 0.3380**.

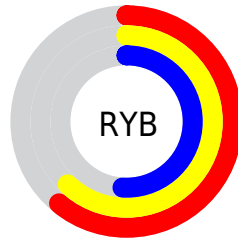
Distribution



Red (62%)

Green (56%)

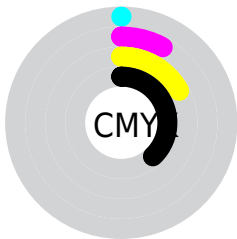
Blue (51%)



Red (61%)

Yellow (62%)

Blue (51%)

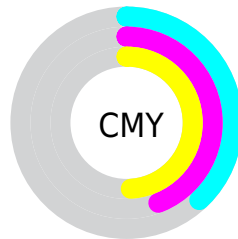


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (38%)



Cyan (38%)


Magenta (44%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7263, 0.3411, 0.3511 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 28.7263, 0.3411, 0.3511 by changing the saturation by 10% instead.


 28.7263, 0.3411,
0.3511


 28.7263, 0.3411,
0.3511

295.9214, 0.3257,
0.3393


 18.8739, 0.3454,
0.3543


 57.6419, 0.3352,
0.3466

 11.5792, 0.3512,
0.3587


 77.4739, 0.3331,
0.3450

 6.4578, 0.3595,
0.3648


 101.4013, 0.3313,
0.3436

 3.1254, 0.3722,
0.3741

129.8083, 0.3298,
0.3425

 1.1976, 0.3991,
0.3943

163.0794, 0.3286,
0.3415

 0.0597, 0.6597,
0.3403

201.5990, 0.3275,

 0.0000, 0.0000,

0.3406

0.0000

245.7516, 0.3266,
0.3399

■ 28.7263, 0.3411,
0.3511

■ 28.7263, 0.3411,
0.3511

■ 26.1243, 0.3605,
0.3647

■ 31.5485, 0.3239,
0.3380

■ 23.7328, 0.3822,
0.3784

■ 34.5926, 0.3087,
0.3256

■ 21.5468, 0.4060,
0.3916

■ 37.8654, 0.2954,
0.3141

■ 19.5599, 0.4314,
0.4034

■ 41.3720, 0.2838,
0.3035

■ 17.7648, 0.4576,
0.4128

■ 45.1174, 0.2736,
0.2937

■ 16.1541, 0.4833,
0.4186

■ 49.1063, 0.2647,
0.2847

■ 14.7193, 0.5071,
0.4197

■ 53.3436, 0.2569,
0.2765

■ 13.4487, 0.5278,
0.4159

■ 57.7957, 0.2503,
0.2696

■ 13.1203, 0.5335,
0.4146

■ 61.4869, 0.2517,
0.2788

Harmonies

Analogous

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



28.7263, 0.3434, 0.3402



28.7263, 0.3411, 0.3511



28.7263, 0.3311, 0.3564

Triad

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



28.7263, 0.3411, 0.3511



28.7263, 0.2887, 0.3305



28.7263, 0.3086, 0.3055

Complementary

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



28.7263, 0.3411, 0.3511



26.8209, 0.2864, 0.3059

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.



28.7263, 0.2942, 0.3026



28.7263, 0.3411, 0.3511



28.7263, 0.2830, 0.3166

Square

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



28.7263, 0.3411, 0.3511



28.7263, 0.3008, 0.3444



28.7263, 0.2850, 0.3065



28.7263, 0.3244, 0.3143

Rectangle

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



28.7263, 0.3411, 0.3511



28.7263, 0.3215, 0.3557



28.7263, 0.2850, 0.3065



28.7263, 0.3034, 0.3038

Sweetspot

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



28.7276, 0.3411, 0.3511



57.6119, 0.3205, 0.3353



25.1129, 0.3298, 0.3085



12.6011, 0.3215, 0.3361



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.



28.7276, 0.3411, 0.3511



49.4401, 0.3490, 0.3567



32.8553, 0.3374, 0.3707



7.1867, 0.3272, 0.3406



10.7282, 0.5324, 0.4155



0.2764, 0.4780, 0.4586

Inverse Universe

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



26.8209, 0.2864, 0.3059



45.3193, 0.2797, 0.2996



23.1730, 0.2858, 0.2838



6.9357, 0.2988, 0.3171



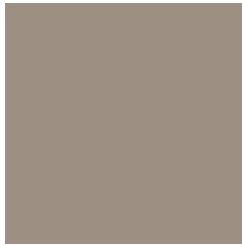
6.2007, 0.1764, 0.1551



0.1952, 0.1967, 0.2282

Previews

White Background



This preview shows how the Yxy color 28.7263, 0.3411, 0.3511 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 28.7263, 0.3411, 0.3511 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 28.7263, 0.3411, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 28.7263, 0.3411, 0.3511.



This preview shows how white text looks on a background with the Yxy color 28.7263, 0.3411, 0.3511.

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

28.7263, 0.3411, 0.3511

Protanopia

28.8719, 0.3340, 0.3529

Deuteranopia

28.7954, 0.3509, 0.3443



Tritanopia

28.7903, 0.3221, 0.3123

Trichromacy



Original Color

28.7263, 0.3411, 0.3511

Protanomaly

28.7595, 0.3365, 0.3512

Deuteranomaly

28.7712, 0.3473, 0.3460

Tritanomaly

28.7305, 0.3291, 0.3260

Monochromacy



Original Color

28.7263, 0.3411, 0.3511

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.6283, 0.3230, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7263, 0.3411, 0.3511 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(157, 144, 130)` looks like.

```
.text, #text, p{  
    color:rgb(157, 144, 130)  
}
```

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(157, 144, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 144, 130) }
```

Border

The CSS property to change the border of an element to Yxy 28.7263, 0.3411, 0.3511 is called "border". The border property can be set on classes, ids or directly on the HTML element.

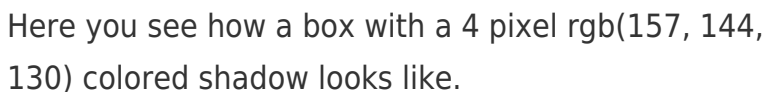
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 144, 130) }
```

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

```
.border{ border-color:rgb(157, 144, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 144, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 144, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 144, 130); box-shadow:4px 4px 4px 4px rgb(157, 144, 130) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7263, 0.3411, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 144, 130) }
```

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

```
.background{ background-color: rgb(157,  
144, 130) }
```

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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