

Converting Colors

$Y_{xy}(27.9373, 0.3422, 0.3491)$

Have a look what the booklet for
Yxy(27.9373, 0.3422, 0.3491)
contains.

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Color

Yxy(28.0991, 0.3426, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	9D8E81
RGB	157, 142, 129
RGB Percent	62%, 56%, 51%
CMY	0.3844, 0.4431, 0.4941
CMYK	0.00, 0.10, 0.18, 0.38
HSL	28°, 12%, 56%
HSV	28°, 18%, 62%
XYZ	27.5365, 28.0991, 24.7394
YIQ	145.0030, 13.1130, -0.8630

Conversions

Conversions Part 2

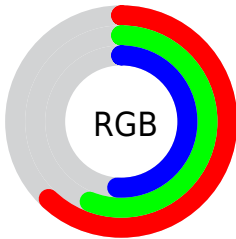
Format	Color
RYB	157, 153, 129
Decimal	10325633
CIELab	59.98, 3.35, 8.96
CIELCh	60, 9.563, 69.466
Yxy	28.0991, 0.3426, 0.3496
Android (android.graphics.Color)	4288515713 (0xFF9D8E81)
YUV	145.0030, -7.8895, 10.5214
Hunter-Lab	53.0086, -0.0393, 9.4350

Details

The Yxy color **28.0991, 0.3426, 0.3496** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0351, 0.2855, 0.3075**, and the grayscale version is **28.3448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8543, 0.3364, 0.3456**, and **11.2367, 0.3523, 0.3566** is the 20% darker color. If you saturate the color by 10%, you get **25.3093, 0.3627, 0.3619**, and if you desaturate by 10%, it is **31.1438, 0.3249, 0.3378**.

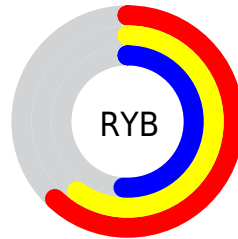
Distribution



Red (62%)

Green (56%)

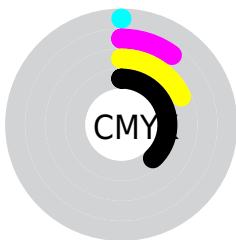
Blue (51%)



Red (62%)

Yellow (60%)

Blue (51%)

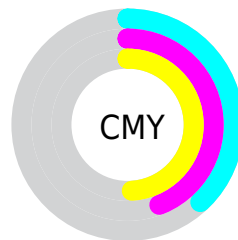


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (38%)



Cyan (38%)


Magenta (44%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0991, 0.3426, 0.3496 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 28.0991, 0.3426, 0.3496 by changing the saturation by 10% instead.


 28.0991, 0.3426,
0.3496


 28.0991, 0.3426,
0.3496


292.9401, 0.3263,
0.3386


 18.4004, 0.3472,
0.3526


 56.6426, 0.3363,
0.3454

 11.2378, 0.3533,
0.3567


 76.2562, 0.3341,
0.3439

 6.2270, 0.3622,
0.3624

 99.9435, 0.3322,
0.3426

 2.9836, 0.3760,
0.3710

128.0890, 0.3307,
0.3416

 1.1232, 0.4069,
0.3919

161.0770, 0.3294,
0.3406

 0.0000, 1.0000,
0.0000

199.2919, 0.3282,

 0.0000, 0.0000,

0.3399

0.0000

243.1182, 0.3272,
0.3392

■ 28.0991, 0.3426,
0.3496

■ 28.0991, 0.3426,
0.3496

■ 25.3093, 0.3627,
0.3619

■ 31.1438, 0.3249,
0.3378

■ 22.7634, 0.3855,
0.3742

■ 34.4463, 0.3096,
0.3266

■ 20.4555, 0.4107,
0.3861

■ 38.0143, 0.2962,
0.3163

■ 18.3777, 0.4380,
0.3966

■ 41.8540, 0.2846,
0.3067

■ 16.5215, 0.4665,
0.4046

■ 45.9714, 0.2745,
0.2979

■ 14.8780, 0.4948,
0.4090

■ 50.3722, 0.2657,
0.2899

■ 13.4371, 0.5210,
0.4087

■ 55.0620, 0.2581,
0.2825

■ 12.1849, 0.5440,
0.4036

■ 60.0463, 0.2513,
0.2758

■ 11.9338, 0.5490,
0.4023

■ 64.3070, 0.2527,
0.2855

Harmonies

Analogous

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



28.0991, 0.3433, 0.3378



28.0991, 0.3426, 0.3496



28.0991, 0.3338, 0.3563

Triad

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



28.0991, 0.3426, 0.3496



28.0991, 0.2903, 0.3334



28.0991, 0.3055, 0.3041

Complementary

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



28.0991, 0.3426, 0.3496



27.0351, 0.2855, 0.3075

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.



28.0991, 0.2917, 0.3025



28.0991, 0.3426, 0.3496



28.0991, 0.2831, 0.3190

Square

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



28.0991, 0.3426, 0.3496



28.0991, 0.3035, 0.3470



28.0991, 0.2836, 0.3078



28.0991, 0.3215, 0.3120

Rectangle

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



28.0991, 0.3426, 0.3496



28.0991, 0.3245, 0.3566



28.0991, 0.2836, 0.3078



28.0991, 0.3004, 0.3029

Sweetspot

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



28.1004, 0.3426, 0.3496



57.3611, 0.3205, 0.3347



24.8907, 0.3285, 0.3049



12.5391, 0.3216, 0.3354



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.



28.1004, 0.3426, 0.3496



48.4998, 0.3495, 0.3540



32.3864, 0.3391, 0.3700



7.1293, 0.3273, 0.3394



9.7683, 0.5477, 0.4033



0.2586, 0.4872, 0.4513

Inverse Universe

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



27.0351, 0.2855, 0.3075



46.2642, 0.2799, 0.3027



23.1709, 0.2844, 0.2844



6.9932, 0.2988, 0.3183



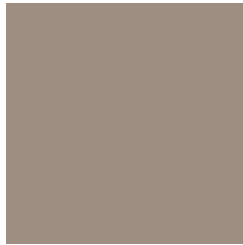
7.1975, 0.1813, 0.1728



0.2130, 0.2002, 0.2406

Previews

White Background



This preview shows how the Yxy color 28.0991, 0.3426, 0.3496 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 28.0991, 0.3426, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

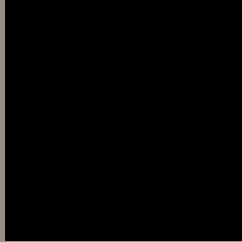
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0991, 0.3426, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 28.0991, 0.3426, 0.3496.



This preview shows how white text looks on a background with the Yxy color 28.0991, 0.3426, 0.3496.

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

28.0991, 0.3426, 0.3496

Protanopia

28.1375, 0.3344, 0.3515

Deuteranopia

27.9695, 0.3503, 0.3430



Tritanopia

28.1408, 0.3244, 0.3123

Trichromacy



Original Color

28.0991, 0.3426, 0.3496

Protanomaly

28.0289, 0.3368, 0.3498

Deuteranomaly

27.9449, 0.3466, 0.3447

Tritanomaly

28.0801, 0.3315, 0.3260

Monochromacy



Original Color

28.0991, 0.3426, 0.3496

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.2002, 0.3230, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0991, 0.3426, 0.3496 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, 142, 129)` looks like.

```
.text, #text, p{  
    color:rgb(157, 142, 129)  
}
```

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, 142, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 142, 129) }
```

Border

The CSS property to change the border of an element to Yxy 28.0991, 0.3426, 0.3496 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, 142, 129) }
```

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

```
.border{ border-color:rgb(157, 142, 129) }
```

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

Here you see how a box with a 4 pixel rgb(157, 142, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 142, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 142, 129);  
box-shadow:4px 4px 4px 4px rgb(157, 142,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0991, 0.3426, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 142, 129) }
```

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

```
.background{ background-color: rgb(157,  
142, 129) }
```

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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