

Converting Colors

$Y_{xy}(28.5900, 0.3438, 0.3603)$

Have a look what the booklet for
Yxy(28.5900, 0.3438, 0.3603)
contains.

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Color

Yxy(28.7000, 0.3438, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	9B917D
RGB	155, 145, 125
RGB Percent	61%, 57%, 49%
CMY	0.3921, 0.4314, 0.5098
CMYK	0.00, 0.06, 0.19, 0.39
HSL	40°, 13%, 55%
HSV	40°, 19%, 61%
XYZ	27.3477, 28.7000, 23.4977
YIQ	145.7100, 12.3800, -4.1000

Conversions

Conversions Part 2

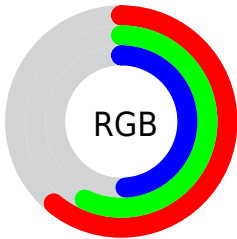
Format	Color
R_{YB}	140, 155, 125
Decimal	10195325
CIE Lab	60.52, 0.28, 11.96
CIE LCh	61, 11.963, 88.665
Yxy	28.7000, 0.3438, 0.3608
Android (android.graphics.Color)	4288385405 (0xFF9B917D)
YUV	145.7100, -10.2100, 8.1473
Hunter-Lab	53.5724, -2.6307, 11.4951

Details

The Yxy color **28.7000, 0.3438, 0.3608** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0609, 0.2825, 0.2950**, and the grayscale version is **28.6600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.7628, 0.3373, 0.3540**, and **11.6493, 0.3553, 0.3727** is the 20% darker color. If you saturate the color by 10%, you get **26.7893, 0.3621, 0.3780**, and if you desaturate by 10%, it is **30.7472, 0.3270, 0.3440**.

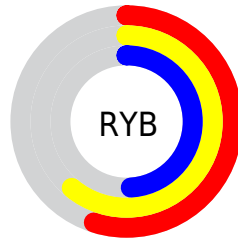
Distribution



Red (61%)

Green (57%)

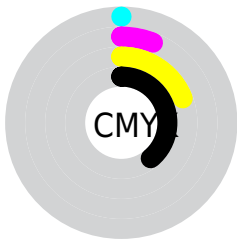
Blue (49%)



Red (55%)

Yellow (61%)

Blue (49%)

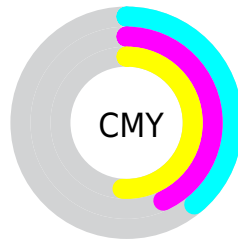


Cyan (0%)

Magenta (6%)

Yellow (19%)

Black (39%)



Cyan (39%)

Magenta (43%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.7000, 0.3438, 0.3608 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 28.7000, 0.3438, 0.3608 by changing the saturation by 10% instead.


 28.7000, 0.3438,
0.3608


 28.7000, 0.3438,
0.3608

295.7968, 0.3270,
0.3437

 18.8540, 0.3484,
0.3655


 57.6001, 0.3374,
0.3542

 11.5648, 0.3547,
0.3719


 77.4230, 0.3351,
0.3519

 6.4481, 0.3636,
0.3809


 101.3403, 0.3331,
0.3499

 3.1194, 0.3770,
0.3946

129.7364, 0.3315,
0.3483

 1.1944, 0.4129,
0.4313

162.9957, 0.3302,
0.3469

 0.0571, 0.5168,
0.4832

201.5026, 0.3290,

 0.0000, 0.0000,

0.3456

0.0000

245.6415, 0.3279,
0.3446

■ 28.7000, 0.3438,
0.3608

■ 28.7000, 0.3438,
0.3608

■ 26.7893, 0.3621,
0.3780

■ 30.7472, 0.3270,
0.3440

■ 25.0075, 0.3816,
0.3950

■ 32.9307, 0.3118,
0.3280

■ 23.3517, 0.4020,
0.4113

■ 35.2551, 0.2981,
0.3130

■ 21.8177, 0.4227,
0.4257

■ 37.7238, 0.2859,
0.2989

■ 20.4007, 0.4428,
0.4374

■ 40.3399, 0.2749,
0.2860

■ 19.0954, 0.4614,
0.4452

■ 43.1065, 0.2652,
0.2741

■ 17.8959, 0.4776,
0.4483

■ 46.0264, 0.2566,
0.2632

■ 16.7900, 0.4913,
0.4475

■ 49.1025, 0.2489,
0.2532

■ 16.7228, 0.4922,
0.4474

■ 51.7093, 0.2468,
0.2535

Harmonies

Analogous

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



28.7000, 0.3515, 0.3496



28.7000, 0.3438, 0.3608



28.7000, 0.3278, 0.3635

Triad

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



28.7000, 0.3438, 0.3608



28.7000, 0.2783, 0.3226



28.7000, 0.3164, 0.3038

Complementary

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



28.7000, 0.3438, 0.3608



24.0609, 0.2825, 0.2950

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.



28.7000, 0.2969, 0.2967



28.7000, 0.3438, 0.3608



28.7000, 0.2754, 0.3068

Square

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



28.7000, 0.3438, 0.3608



28.7000, 0.2901, 0.3410



28.7000, 0.2821, 0.2976



28.7000, 0.3354, 0.3171

Rectangle

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



28.7000, 0.3438, 0.3608



28.7000, 0.3148, 0.3598



28.7000, 0.2821, 0.2976



28.7000, 0.3097, 0.3006

Sweetspot

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



28.7013, 0.3438, 0.3608



56.2906, 0.3219, 0.3387



23.4001, 0.3370, 0.3122



12.6893, 0.3228, 0.3397



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.



28.7013, 0.3438, 0.3608



49.9589, 0.3511, 0.3678



31.4650, 0.3363, 0.3766



6.8751, 0.3268, 0.3438



13.4992, 0.4914, 0.4480



0.2680, 0.4538, 0.4779

Inverse Universe

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



24.0609, 0.2825, 0.2950



40.1890, 0.2757, 0.2869



21.7392, 0.2864, 0.2781



6.3466, 0.2988, 0.3138



3.9206, 0.1644, 0.1119



0.1208, 0.1868, 0.1925

Previews

White Background



This preview shows how the Yxy color 28.7000, 0.3438, 0.3608 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 28.7000, 0.3438, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

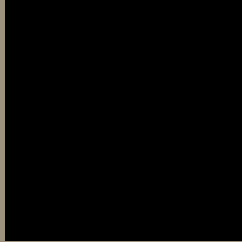
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7000, 0.3438, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 28.7000, 0.3438, 0.3608.



This preview shows how white text looks on a background with the Yxy color 28.7000, 0.3438, 0.3608.

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

28.7000, 0.3438, 0.3608

Protanopia

28.8107, 0.3413, 0.3626

Deuteranopia

28.4780, 0.3579, 0.3505



Tritanopia

28.6877, 0.3210, 0.3123

Trichromacy



Original Color

28.7000, 0.3438, 0.3608

Protanomaly

28.9085, 0.3424, 0.3625

Deuteranomaly

28.6389, 0.3526, 0.3538

Tritanomaly

28.5681, 0.3301, 0.3291

Monochromacy



Original Color

28.7000, 0.3438, 0.3608

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.7823, 0.3237, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7000, 0.3438, 0.3608 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(155, 145, 125)` looks like.

```
.text, #text, p{  
    color:rgb(155, 145, 125)  
}
```

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(155, 145, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 145, 125) }
```

Border

The CSS property to change the border of an element to Yxy 28.7000, 0.3438, 0.3608 is called "border". The border property can be set on classes, ids or directly on the HTML element.

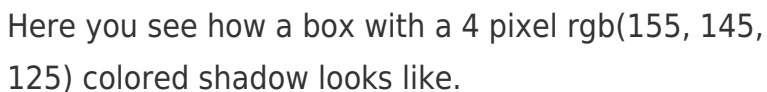
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 145, 125) }
```

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

```
.border{ border-color:rgb(155, 145, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 145, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 145, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 145, 125); box-shadow:4px 4px 4px 4px rgb(155, 145, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7000, 0.3438, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 145, 125) }
```

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

```
.background{ background-color: rgb(155,  
145, 125) }
```

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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