

Converting Colors

$Y_{xy}(29.0398, 0.3525, 0.3561)$

Have a look what the booklet for
Yxy(29.0398, 0.3525, 0.3561)
contains.

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Color

Yxy(28.9378, 0.3523, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	A38F7E
RGB	163, 143, 126
RGB Percent	64%, 56%, 49%
CMY	0.3608, 0.4392, 0.5058
CMYK	0.00, 0.12, 0.23, 0.36
HSL	28°, 17%, 57%
HSV	28°, 23%, 64%
XYZ	28.6935, 28.9378, 23.8148
YIQ	147.0420, 17.3770, -1.0470

Conversions

Conversions Part 2

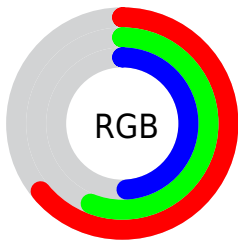
Format	Color
R _Y B	163, 157, 126
Decimal	10719102
CIE Lab	60.73, 4.70, 11.79
CIE LCh	61, 12.688, 68.266
Yxy	28.9378, 0.3523, 0.3553
Android (android.graphics.Color)	4288909182 (0xFFA38F7E)
YUV	147.0420, -10.3737, 13.9952
Hunter-Lab	53.7939, 1.0720, 11.4077

Details

The Yxy color $28.9378, 0.3523, 0.3553$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $27.6418, 0.2778, 0.3012$, and the grayscale version is $29.2351, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.0926, 0.3435, 0.3500$, and $11.7440, 0.3665, 0.3645$ is the 20% darker color. If you saturate the color by 10%, you get $26.0090, 0.3739, 0.3676$, and if you desaturate by 10%, it is $32.1457, 0.3333, 0.3433$.

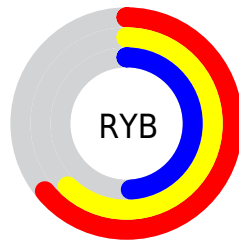
Distribution



Red (64%)

Green (56%)

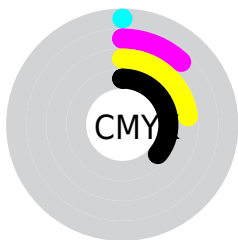
Blue (49%)



Red (64%)

Yellow (62%)

Blue (49%)

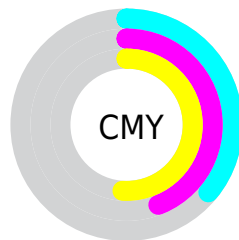


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (36%)



Cyan (36%)

Magenta (44%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9378, 0.3523, 0.3553 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 28.9378, 0.3523, 0.3553 by changing the saturation by 10% instead.


 28.9378, 0.3523,
0.3553


 28.9378, 0.3523,
0.3553


296.9214, 0.3308,
0.3413

 19.0338, 0.3583,
0.3591


 57.9782, 0.3441,
0.3500

 11.6947, 0.3663,
0.3640


 77.8835, 0.3411,
0.3481

 6.5361, 0.3778,
0.3709


 101.8912, 0.3387,
0.3465

 3.1737, 0.3953,
0.3810

130.3858, 0.3366,
0.3452

 1.2231, 0.4365,
0.4073

163.7518, 0.3348,
0.3440

 0.0804, 0.7038,
0.2962

202.3734, 0.3333,

 0.0000, 0.0000,

0.3430

0.0000

246.6351, 0.3320,
0.3421

■ 28.9378, 0.3523,
0.3553

■ 28.9378, 0.3523,
0.3553

■ 26.0090, 0.3739,
0.3676

■ 32.1457, 0.3333,
0.3433

■ 23.3472, 0.3981,
0.3797

■ 35.6365, 0.3168,
0.3319

■ 20.9454, 0.4247,
0.3909

■ 39.4188, 0.3024,
0.3213

■ 18.7944, 0.4531,
0.4002

■ 43.4997, 0.2900,
0.3114

■ 16.8845, 0.4820,
0.4064

■ 47.8859, 0.2792,
0.3024

■ 15.2052, 0.5098,
0.4084

■ 52.5840, 0.2698,
0.2941

■ 13.7446, 0.5346,
0.4052

■ 57.6004, 0.2616,
0.2865

■ 12.8020, 0.5511,
0.4006

■ 62.8500, 0.2552,
0.2810

■ 67.4186, 0.2567,
0.2915

Harmonies

Analogous

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



28.9378, 0.3528, 0.3396



28.9378, 0.3523, 0.3553



28.9378, 0.3409, 0.3647

Triad

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



28.9378, 0.3523, 0.3553



28.9378, 0.2839, 0.3355



28.9378, 0.3023, 0.2964

Complementary

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



28.9378, 0.3523, 0.3553



27.6418, 0.2778, 0.3012

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.



28.9378, 0.2846, 0.2945



28.9378, 0.3523, 0.3553



28.9378, 0.2743, 0.3163

Square

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



28.9378, 0.3523, 0.3553



28.9378, 0.3013, 0.3534



28.9378, 0.2745, 0.3015



28.9378, 0.3234, 0.3063

Rectangle

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



28.9378, 0.3523, 0.3553



28.9378, 0.3289, 0.3656



28.9378, 0.2745, 0.3015



28.9378, 0.2958, 0.2948

Sweetspot

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



28.9391, 0.3523, 0.3553



60.9835, 0.3238, 0.3369



24.7975, 0.3338, 0.2979



13.6189, 0.3247, 0.3375



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



28.9391, 0.3523, 0.3553



49.2428, 0.3623, 0.3612



34.8368, 0.3467, 0.3817



7.5970, 0.3274, 0.3394



10.0381, 0.5496, 0.4018



0.3051, 0.4922, 0.4474

Inverse Universe

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



27.6418, 0.2778, 0.3012



46.5212, 0.2702, 0.2944



22.4825, 0.2755, 0.2703



7.4646, 0.2987, 0.3184



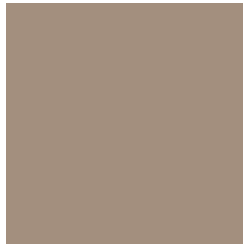
7.5873, 0.1818, 0.1745



0.2527, 0.1990, 0.2364

Previews

White Background



This preview shows how the Yxy color 28.9378, 0.3523, 0.3553 looks on a white background.

Color Contrast Check

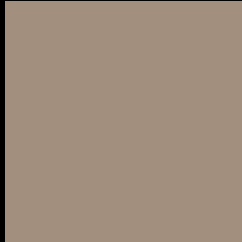
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9378, 0.3523, 0.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

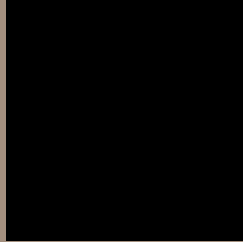
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9378, 0.3523, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 28.9378, 0.3523, 0.3553.



This preview shows how white text looks on a background with the Yxy color 28.9378, 0.3523, 0.3553.

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

28.9378, 0.3523, 0.3553

Protanopia

28.9863, 0.3393, 0.3576

Deuteranopia

28.8809, 0.3587, 0.3519



Tritanopia

28.7742, 0.3310, 0.3126

Trichromacy



Original Color

28.9378, 0.3523, 0.3553

Protanomaly

28.9512, 0.3439, 0.3574

Deuteranomaly

28.9594, 0.3560, 0.3535

Tritanomaly

28.6786, 0.3393, 0.3276

Monochromacy



Original Color

28.9378, 0.3523, 0.3553

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.1942, 0.3270, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9378, 0.3523, 0.3553 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(163, 143, 126)` looks like.

```
.text, #text, p{  
    color:rgb(163, 143, 126)  
}
```

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(163, 143, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 143, 126) }
```

Border

The CSS property to change the border of an element to Yxy 28.9378, 0.3523, 0.3553 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(163, 143, 126) }
```

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

```
.border{ border-color:rgb(163, 143, 126) }
```

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

Here you see how a box with a 4 pixel rgb(163, 143, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 143, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 143, 126);  
box-shadow:4px 4px 4px 4px rgb(163, 143,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9378, 0.3523, 0.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 143, 126) }
```

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

```
.background{ background-color: rgb(163,  
143, 126) }
```

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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