

Converting Colors

$Y_{xy}(29.4737, 0.3310, 0.3396)$

Have a look what the booklet for
Yxy(29.4737, 0.3310, 0.3396)
contains.

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Color

Yxy(29.5899, 0.3313, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	9D928B
RGB	157, 146, 139
RGB Percent	62%, 57%, 55%
CMY	0.3844, 0.4274, 0.4548
CMYK	0.00, 0.07, 0.11, 0.38
HSL	23°, 8%, 58%
HSV	23°, 11%, 62%
XYZ	28.8412, 29.5899, 28.6236
YIQ	148.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

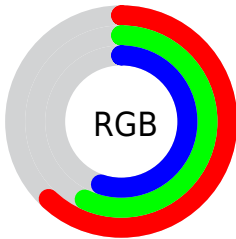
Format	Color
R_{YB}	157, 150, 139
Decimal	10326667
CIE Lab	61.30, 2.81, 5.15
CIE LCh	61, 5.868, 61.420
Yxy	29.5899, 0.3313, 0.3399
Android (android.graphics.Color)	4288516747 (0xFF9D928B)
YUV	148.4910, -4.6791, 7.4624
Hunter-Lab	54.3966, -0.5528, 6.8791

Details

The Yxy color **29.5899, 0.3313, 0.3399** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.7317, 0.2955, 0.3179**, and the grayscale version is **29.8472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.1114, 0.3281, 0.3384**, and **12.1512, 0.3384, 0.3447** is the 20% darker color. If you saturate the color by 10%, you get **26.3319, 0.3504, 0.3500**, and if you desaturate by 10%, it is **33.1643, 0.3149, 0.3303**.

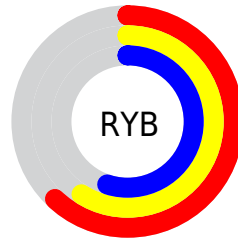
Distribution



Red (62%)

Green (57%)

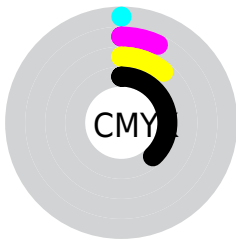
Blue (55%)



Red (62%)

Yellow (59%)

Blue (55%)

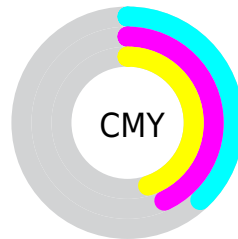


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (38%)



Cyan (38%)

Magenta (43%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.5899, 0.3313, 0.3399 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 29.5899, 0.3313, 0.3399 by changing the saturation by 10% instead.

■ 29.5899, 0.3313,
0.3399

■ 29.5899, 0.3313,
0.3399

■ 299.9882, 0.3213,
0.3341

■ 19.5275, 0.3341,
0.3415

■ 59.0130, 0.3275,
0.3377

■ 12.0521, 0.3378,
0.3436

■ 79.1426, 0.3261,
0.3369

■ 6.7791, 0.3432,
0.3466

■ 103.3966, 0.3249,
0.3362

■ 3.3244, 0.3514,
0.3510

■ 132.1595, 0.3240,
0.3357

■ 1.3033, 0.3658,
0.3585

■ 165.8158, 0.3232,
0.3352

■ 0.1438, 0.5880,
0.4120

■ 204.7497, 0.3224,

■ 0.0000, 0.0000,

0.3348

0.0000

249.3457, 0.3218,
0.3344

■ 29.5899, 0.3313,
0.3399

■ 29.5899, 0.3313,
0.3399

■ 26.3319, 0.3504,
0.3500

■ 33.1643, 0.3149,
0.3303

■ 23.3775, 0.3725,
0.3605

■ 37.0595, 0.3008,
0.3214

■ 20.7186, 0.3977,
0.3708

■ 41.2852, 0.2887,
0.3132

■ 18.3457, 0.4259,
0.3804

■ 45.8489, 0.2783,
0.3056

■ 16.2481, 0.4567,
0.3884

■ 50.7584, 0.2694,
0.2987

■ 14.4149, 0.4888,
0.3936

■ 56.0209, 0.2616,
0.2925

■ 12.8340, 0.5203,
0.3948

■ 61.6435, 0.2549,
0.2867

■ 11.4921, 0.5488,
0.3912

■ 66.9992, 0.2536,
0.2916

■ 10.5160, 0.5705,
0.3852

■ 72.2582, 0.2553,
0.3030

Harmonies

Analogous

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



29.5899, 0.3303, 0.3323



29.5899, 0.3313, 0.3399



29.5899, 0.3273, 0.3448

Triad

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



29.5899, 0.3313, 0.3399



29.5899, 0.3010, 0.3341



29.5899, 0.3059, 0.3132

Complementary

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



29.5899, 0.3313, 0.3399



29.7317, 0.2955, 0.3179

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.



29.5899, 0.2983, 0.3134



29.5899, 0.3313, 0.3399



29.5899, 0.2955, 0.3253

Square

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



29.5899, 0.3313, 0.3399



29.5899, 0.3097, 0.3415



29.5899, 0.2945, 0.3178



29.5899, 0.3155, 0.3170

Rectangle

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



29.5899, 0.3313, 0.3399



29.5899, 0.3223, 0.3457



29.5899, 0.2945, 0.3178



29.5899, 0.3031, 0.3128

Sweetspot

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



29.5912, 0.3313, 0.3399



58.3394, 0.3174, 0.3318



27.8410, 0.3210, 0.3120



12.7255, 0.3186, 0.3326



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.



29.5912, 0.3313, 0.3399



51.3040, 0.3364, 0.3427



32.4338, 0.3297, 0.3533



7.0486, 0.3275, 0.3378



8.6114, 0.5691, 0.3863



0.2334, 0.5020, 0.4396

Inverse Universe

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



29.7317, 0.2955, 0.3179



51.6116, 0.2911, 0.3149



27.0070, 0.2952, 0.3035



7.0754, 0.2988, 0.3201



8.8261, 0.1886, 0.1990



0.2382, 0.2047, 0.2569

Previews

White Background



This preview shows how the Yxy color 29.5899, 0.3313, 0.3399 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 29.5899, 0.3313, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

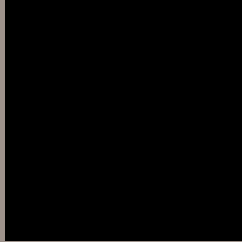
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

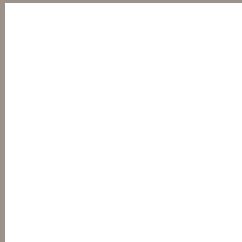
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.5899, 0.3313, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 29.5899, 0.3313, 0.3399.

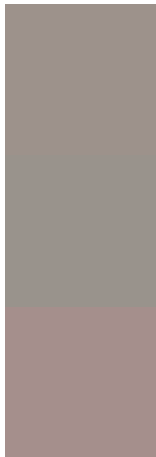


This preview shows how white text looks on a background with the Yxy color 29.5899, 0.3313, 0.3399.

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

29.5899, 0.3313, 0.3399

Protanopia

29.5332, 0.3259, 0.3400

Deuteranopia

29.5377, 0.3397, 0.3336



Tritanopia

29.6840, 0.3177, 0.3124

Trichromacy



Original Color

29.5899, 0.3313, 0.3399

Protanomaly

29.6309, 0.3269, 0.3400

Deuteranomaly

29.5213, 0.3362, 0.3352

Tritanomaly

29.6898, 0.3225, 0.3229

Monochromacy



Original Color

29.5899, 0.3313, 0.3399

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.4911, 0.3188, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5899, 0.3313, 0.3399 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, 146, 139)` looks like.

```
.text, #text, p{  
    color:rgb(157, 146, 139)  
}
```

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, 146, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 146, 139) }
```

Border

The CSS property to change the border of an element to Yxy 29.5899, 0.3313, 0.3399 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, 146, 139) }
```

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

```
.border{ border-color:rgb(157, 146, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 146, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 146, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 146, 139);  
box-shadow:4px 4px 4px 4px rgb(157, 146,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5899, 0.3313, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 146, 139) }
```

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

```
.background{ background-color: rgb(157,  
146, 139) }
```

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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