

Converting Colors

$Y_{xy}(27.9846, 0.3195, 0.3137)$

Have a look what the booklet for
Yxy(27.9846, 0.3195, 0.3137)
contains.

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Color

Yxy(28.0261, 0.3199, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	9C8C96
RGB	156, 140, 150
RGB Percent	61%, 55%, 59%
CMY	0.3883, 0.4509, 0.4118
CMYK	0.00, 0.10, 0.04, 0.39
HSL	322°, 7%, 58%
HSV	322°, 10%, 61%
XYZ	28.5891, 28.0261, 32.7537
YIQ	145.9240, 6.3260, 6.5020

Conversions

Conversions Part 2

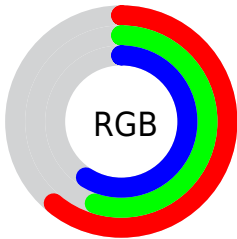
Format	Color
R_{YB}	156, 140, 150
Decimal	10259606
CIE Lab	59.91, 7.80, -3.12
CIE LCh	60, 8.404, 338.174
Yxy	28.0261, 0.3199, 0.3136
Android (android.graphics.Color)	4288449686 (0xFF9C8C96)
YUV	145.9240, 2.0095, 8.8367
Hunter-Lab	52.9397, 3.7513, 0.3751

Details

The Yxy color $28.0261, 0.3199, 0.3136$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.4202, 0.3062, 0.3449$, and the grayscale version is $28.7008, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.7921, 0.3189, 0.3174$, and $11.2164, 0.3232, 0.3090$ is the 20% darker color. If you saturate the color by 10%, you get $23.6034, 0.3282, 0.2979$, and if you desaturate by 10%, it is $33.1068, 0.3129, 0.3287$.

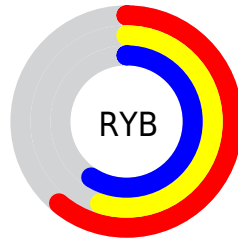
Distribution



Red (61%)

Green (55%)

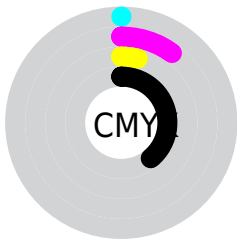
Blue (59%)



Red (61%)

Yellow (55%)

Blue (59%)

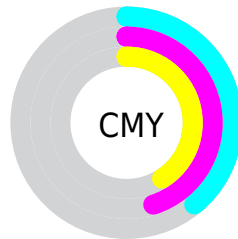


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (39%)



Cyan (39%)


Magenta (45%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0261, 0.3199, 0.3136 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 28.0261, 0.3199, 0.3136 by changing the saturation by 10% instead.


 28.0261, 0.3199,
0.3136


 28.0261, 0.3199,
0.3136


292.5916, 0.3161,
0.3219

 18.3453, 0.3210,
0.3113

 56.5261, 0.3184,
0.3168

 11.1982, 0.3224,
0.3083


 76.1141, 0.3179,
0.3179

 6.2003, 0.3244,
0.3039


 99.7734, 0.3175,
0.3188

 2.9673, 0.3275,
0.2973

127.8882, 0.3171,
0.3196

 1.1147, 0.3328,
0.2859

160.8431, 0.3168,
0.3203

 0.0000, 0.4657,
0.0000

199.0223, 0.3165,

 0.0000, 0.0000,

0.3209

0.0000

242.8104, 0.3163,
0.3214

■ 28.0261, 0.3199,
0.3136

■ 28.0261, 0.3199,
0.3136

■ 23.6034, 0.3282,
0.2979

■ 33.1068, 0.3129,
0.3287

■ 19.8078, 0.3380,
0.2817

■ 38.8674, 0.3070,
0.3428

■ 16.6115, 0.3494,
0.2658

■ 45.3334, 0.3020,
0.3560

■ 13.9831, 0.3623,
0.2507

■ 52.5276, 0.2979,
0.3682

■ 11.8883, 0.3768,
0.2374

■ 60.4721, 0.2945,
0.3794

■ 10.2891, 0.3925,
0.2270

■ 69.1880, 0.2917,
0.3897

■ 9.1424, 0.4090,
0.2205

■ 78.6954, 0.2893,
0.3992

■ 8.3976, 0.4256,
0.2187

■ 82.6053, 0.2867,
0.3979

■ 7.9383, 0.4418,
0.2208

■ 82.8780, 0.2837,
0.3907

Harmonies

Analogous

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



28.0261, 0.3058, 0.3069



28.0261, 0.3199, 0.3136



28.0261, 0.3323, 0.3242

Triad

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



28.0261, 0.3199, 0.3136



28.0261, 0.3317, 0.3528



28.0261, 0.2868, 0.3207

Complementary

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



28.0261, 0.3199, 0.3136



31.4202, 0.3062, 0.3449

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.



28.0261, 0.2934, 0.3335



28.0261, 0.3199, 0.3136



28.0261, 0.3192, 0.3524

Square

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



28.0261, 0.3199, 0.3136



28.0261, 0.3392, 0.3468



28.0261, 0.3052, 0.3452



28.0261, 0.2869, 0.3107

Rectangle

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



28.0261, 0.3199, 0.3136



28.0261, 0.3378, 0.3323



28.0261, 0.3052, 0.3452



28.0261, 0.2883, 0.3249

Sweetspot

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



28.0273, 0.3199, 0.3136



57.4211, 0.3147, 0.3245



27.2583, 0.3032, 0.3038



12.4744, 0.3153, 0.3233



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.



28.0273, 0.3199, 0.3136



49.2187, 0.3215, 0.3105



27.7828, 0.3280, 0.3257



6.7124, 0.3192, 0.3151



6.5479, 0.4407, 0.2201



0.1251, 0.3826, 0.1881

Inverse Universe

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



28.0273, 0.3199, 0.3136



49.2187, 0.3215, 0.3105



31.6730, 0.2993, 0.3323



6.7124, 0.3192, 0.3151



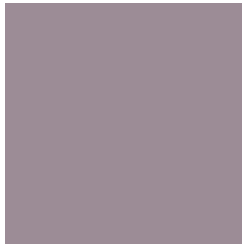
6.5479, 0.4407, 0.2201



0.1251, 0.3826, 0.1881

Previews

White Background



This preview shows how the Yxy color 28.0261, 0.3199, 0.3136 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 28.0261, 0.3199, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

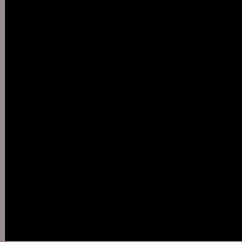
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0261, 0.3199, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 28.0261, 0.3199, 0.3136.



This preview shows how white text looks on a background with the Yxy color 28.0261, 0.3199, 0.3136.

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

28.0261, 0.3199, 0.3136

Protanopia

28.2333, 0.3060, 0.3163

Deuteranopia

28.0261, 0.3199, 0.3136



Tritanopia

28.0585, 0.3189, 0.3121

Trichromacy



Original Color

28.0261, 0.3199, 0.3136

Protanomaly

28.2688, 0.3112, 0.3164

Deuteranomaly

28.0261, 0.3199, 0.3136

Tritanomaly

28.0585, 0.3189, 0.3121

Monochromacy



Original Color

28.0261, 0.3199, 0.3136

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.5371, 0.3161, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0261, 0.3199, 0.3136 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(156, 140, 150)` looks like.

```
.text, #text, p{  
    color:rgb(156, 140, 150)  
}
```

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(156, 140, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 140, 150) }
```

Border

The CSS property to change the border of an element to Yxy 28.0261, 0.3199, 0.3136 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(156, 140, 150) }
```

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

```
.border{ border-color:rgb(156, 140, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 140, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 140, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 140, 150);  
box-shadow:4px 4px 4px 4px rgb(156, 140,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0261, 0.3199, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 140, 150) }
```

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

```
.background{ background-color: rgb(156,  
140, 150) }
```

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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