

Converting Colors

$Y_{xy}(28.0092, 0.3174, 0.2966)$

Have a look what the booklet for
Yxy(28.0092, 0.3174, 0.2966)
contains.

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Color

Yxy(28.0759, 0.3175, 0.2961)

Conversions

Conversions Part 1

Format	Color
Hex	A2899F
RGB	162, 137, 159
RGB Percent	64%, 54%, 62%
CMY	0.3647, 0.4627, 0.3764
CMYK	0.00, 0.15, 0.02, 0.36
HSL	307°, 12%, 59%
HSV	307°, 15%, 64%
XYZ	30.1050, 28.0759, 36.6381
YIQ	146.9830, 7.8380, 12.1420

Conversions

Conversions Part 2

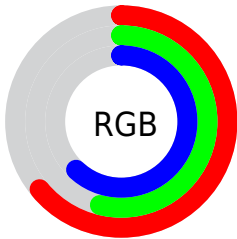
Format	Color
R_{YB}	162, 137, 159
Decimal	10652063
CIE _{Lab}	59.96, 13.43, -8.15
CIE _{LCh}	60, 15.706, 328.750
Yxy	28.0759, 0.3175, 0.2961
Android (android.graphics.Color)	4288842143 (0xFFA2899F)
YUV	146.9830, 5.9244, 13.1699
Hunter-Lab	52.9867, 8.6902, -3.9058

Details

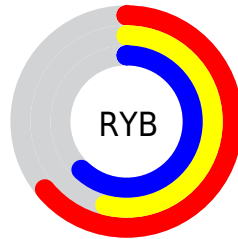
The Yxy color **28.0759, 0.3175, 0.2961** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.0536, 0.3083, 0.3643**, and the grayscale version is **29.1437, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4337, 0.3164, 0.3018**, and **11.2141, 0.3180, 0.2843** is the 20% darker color. If you saturate the color by 10%, you get **23.7450, 0.3211, 0.2742**, and if you desaturate by 10%, it is **33.1018, 0.3143, 0.3176**.

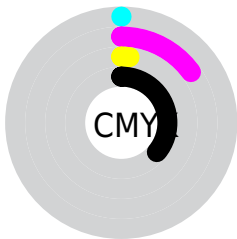
Distribution



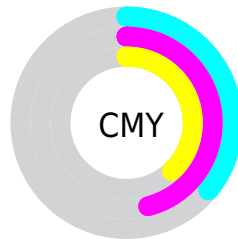
- Red (64%)
- Green (54%)
- Blue (62%)



- Red (64%)
- Yellow (54%)
- Blue (62%)



- Cyan (0%)
- Magenta (15%)
- Yellow (2%)
- Black (36%)





- Cyan (36%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0759, 0.3175, 0.2961 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 28.0759, 0.3175, 0.2961 by changing the saturation by 10% instead.


 28.0759, 0.3175,
0.2961


 28.0759, 0.3175,
0.2961


292.8294, 0.3151,
0.3135


 18.3829, 0.3181,
0.2914


 56.6056, 0.3166,
0.3027

 11.2252, 0.3189,
0.2852


 76.2111, 0.3163,
0.3051

 6.2185, 0.3199,
0.2764


 99.8895, 0.3160,
0.3071

 2.9784, 0.3212,
0.2634

128.0252, 0.3158,
0.3088

 1.1205, 0.3230,
0.2419

161.0027, 0.3156,
0.3102

 0.0000, 0.3642,
0.0000

199.2063, 0.3154,

 0.0000, 0.0000,

0.3115

0.0000

243.0204, 0.3152,
0.3126

■ 28.0759, 0.3175,
0.2961

■ 28.0759, 0.3175,
0.2961

■ 23.7450, 0.3211,
0.2742

■ 33.1018, 0.3143,
0.3176

■ 20.0748, 0.3250,
0.2525

■ 38.8480, 0.3115,
0.3383

■ 17.0335, 0.3293,
0.2319

■ 45.3427, 0.3090,
0.3579

■ 14.5851, 0.3338,
0.2132

■ 52.6118, 0.3069,
0.3761

■ 12.6901, 0.3384,
0.1973

■ 60.6798, 0.3051,
0.3930

■ 11.3043, 0.3429,
0.1850

■ 69.5702, 0.3035,
0.4085

■ 10.3765, 0.3473,
0.1770

■ 79.3053, 0.3022,
0.4226

■ 9.8407, 0.3514,
0.1731

■ 82.2781, 0.3012,
0.4247

■ 9.6533, 0.3533,
0.1720

■ 82.3546, 0.3002,
0.4223

Harmonies

Analogous

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



28.0759, 0.2918, 0.2867



28.0759, 0.3175, 0.2961



28.0759, 0.3428, 0.3134

Triad

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



28.0759, 0.3175, 0.2961



28.0759, 0.3537, 0.3710



28.0759, 0.2675, 0.3201

Complementary

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



28.0759, 0.3175, 0.2961



33.0536, 0.3083, 0.3643

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.



28.0759, 0.2828, 0.3448



28.0759, 0.3175, 0.2961



28.0759, 0.3324, 0.3750

Square

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



28.0759, 0.3175, 0.2961



28.0759, 0.3641, 0.3558



28.0759, 0.3064, 0.3655



28.0759, 0.2638, 0.2994

Rectangle

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



28.0759, 0.3175, 0.2961



28.0759, 0.3556, 0.3275



28.0759, 0.3064, 0.3655



28.0759, 0.2714, 0.3283

Sweetspot

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



28.0771, 0.3175, 0.2961



60.4221, 0.3142, 0.3183



26.0689, 0.2913, 0.2891



13.4237, 0.3144, 0.3169



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.



28.0771, 0.3175, 0.2961



47.7331, 0.3189, 0.2875



27.6671, 0.3305, 0.3144



7.1875, 0.3155, 0.3094



7.6089, 0.3529, 0.1718



0.1637, 0.3399, 0.1646

Inverse Universe

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



28.0771, 0.3175, 0.2961



47.7331, 0.3189, 0.2875



33.4411, 0.2977, 0.3441



7.1875, 0.3155, 0.3094



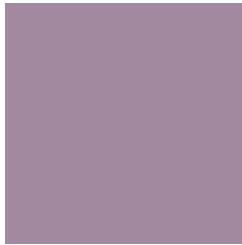
7.6089, 0.3529, 0.1718



0.1637, 0.3399, 0.1646

Previews

White Background



This preview shows how the Yxy color 28.0759, 0.3175, 0.2961 looks on a white background.

Color Contrast Check

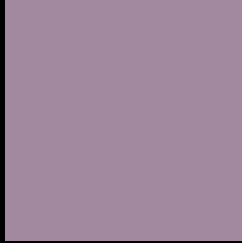
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0759, 0.3175, 0.2961 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 28.0759, 0.3175, 0.2961

Background



This preview shows how black text looks on a background with the Yxy color 28.0759, 0.3175, 0.2961.



This preview shows how white text looks on a background with the Yxy color 28.0759, 0.3175, 0.2961.

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

28.0759, 0.3175, 0.2961

Protanopia

28.3416, 0.2928, 0.2992

Deuteranopia

28.1938, 0.3076, 0.3028



Tritanopia

28.2122, 0.3265, 0.3138

Trichromacy



Original Color

28.0759, 0.3175, 0.2961

Protanomaly

28.0479, 0.3007, 0.2965

Deuteranomaly

28.2927, 0.3119, 0.3016

Tritanomaly

28.0539, 0.3225, 0.3063

Monochromacy



Original Color

28.0759, 0.3175, 0.2961

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.5547, 0.3144, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0759, 0.3175, 0.2961 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(162, 137, 159)` looks like.

```
.text, #text, p{  
    color:rgb(162, 137, 159)  
}
```

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(162, 137, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 137, 159) }
```

Border

The CSS property to change the border of an element to Yxy 28.0759, 0.3175, 0.2961 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(162, 137, 159) }
```

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

```
.border{ border-color:rgb(162, 137, 159) }
```

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

Here you see how a box with a 4 pixel rgb(162, 137, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 137, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 137, 159);  
box-shadow:4px 4px 4px 4px rgb(162, 137,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0759, 0.3175, 0.2961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 137, 159) }
```

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

```
.background{ background-color: rgb(162,  
137, 159) }
```

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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