

Converting Colors

$Y_{xy}(28.6328, 0.2920, 0.2628)$

Have a look what the booklet for
Yxy(28.6328, 0.2920, 0.2628)
contains.

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Color

Yxy(28.6811, 0.2913, 0.2628)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 9F89B7 |
| RGB | 159, 137, 183 |
| RGB Percent | 62%, 54%, 72% |
| CMY | 0.3765, 0.4627, 0.2823 |
| CMYK | 0.13, 0.25, 0.00, 0.28 |
| HSL | 269°, 24%, 63% |
| HSV | 269°, 25%, 72% |
| XYZ | 31.7915, 28.6811, 48.6640 |
| YIQ | 148.8220, -1.6540, 18.9700 |

Conversions

Conversions Part 2

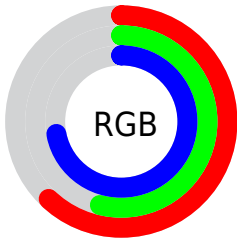
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 159, 137, 183 |
| Decimal | 10455479 |
| CIE _{Lab} | 60.50, 17.34, -21.02 |
| CIE _{LCh} | 60, 27.248, 309.523 |
| Yxy | 28.6811, 0.2913, 0.2628 |
| Android (android.graphics.Color) | 4288645559 (0xFF9F89B7) |
| YUV | 148.8220, 16.8498, 8.9261 |
| Hunter-Lab | 53.5547, 12.2415, -16.3872 |

Details

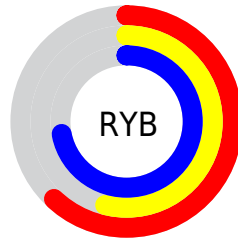
The Yxy color **28.6811, 0.2913, 0.2628** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.2544, 0.3301, 0.3950**, and the grayscale version is **29.9054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.3550, 0.2960, 0.2750**, and **11.5539, 0.2831, 0.2423** is the 20% darker color. If you saturate the color by 10%, you get **22.9741, 0.2805, 0.2336**, and if you desaturate by 10%, it is **35.3484, 0.3008, 0.2906**.

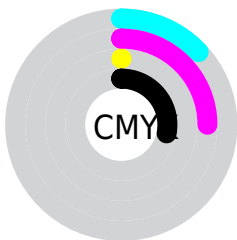
Distribution



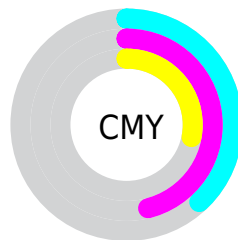
- Red (62%)
- Green (54%)
- Blue (72%)



- Red (62%)
- Yellow (54%)
- Blue (72%)



- Cyan (13%)
- Magenta (25%)
- Yellow (0%)
- Black (28%)





- Cyan (38%)
- Magenta (46%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.6811, 0.2913, 0.2628 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 28.6811, 0.2913, 0.2628 by changing the saturation by 10% instead.


 28.6811, 0.2913,
0.2628


 28.6811, 0.2913,
0.2628


295.7073, 0.3033,
0.2970

 18.8397, 0.2879,
0.2540


 57.5700, 0.2960,
0.2755

 11.5545, 0.2832,
0.2424


 77.3864, 0.2976,
0.2802

 6.4411, 0.2765,
0.2268


 101.2965, 0.2990,
0.2841

 3.1151, 0.2662,
0.2047

129.6847, 0.3001,
0.2874

 1.1921, 0.2486,
0.1712

162.9355, 0.3011,
0.2903

 0.0553, 0.2184,
0.0254

201.4333, 0.3019,

 0.0000, 0.0000,

0.2928

0.0000

245.5624, 0.3026,
0.2950

■ 28.6811, 0.2913,
0.2628

■ 28.6811, 0.2913,
0.2628

■ 22.9741, 0.2805,
0.2336

■ 35.3484, 0.3008,
0.2906

■ 18.1776, 0.2685,
0.2039

■ 43.0154, 0.3090,
0.3165

■ 14.2426, 0.2555,
0.1747

■ 51.7237, 0.3160,
0.3403

■ 11.1141, 0.2420,
0.1475

■ 61.5113, 0.3219,
0.3618

■ 8.7302, 0.2284,
0.1239

■ 72.4144, 0.3268,
0.3811

7.0197, 0.2154,
0.1051

84.4675, 0.3309,
0.3984

5.8956, 0.2036,
0.0918

91.0836, 0.3359,
0.4046

5.4701, 0.1982,
0.0866

92.6694, 0.3423,
0.4031

94.3425, 0.3487,
0.4015

Harmonies

Analogous

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



28.6811, 0.2546, 0.2571



28.6811, 0.2913, 0.2628



28.6811, 0.3366, 0.2832

Triad

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



28.6811, 0.2913, 0.2628



28.6811, 0.3972, 0.3837



28.6811, 0.2504, 0.3400

Complementary

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



28.6811, 0.2913, 0.2628



43.2544, 0.3301, 0.3950

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.



28.6811, 0.2853, 0.3823



28.6811, 0.2913, 0.2628



28.6811, 0.3705, 0.4062

Square

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



28.6811, 0.2913, 0.2628



28.6811, 0.4004, 0.3500



28.6811, 0.3292, 0.4073



28.6811, 0.2323, 0.2979

Rectangle

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



28.6811, 0.2913, 0.2628



28.6811, 0.3654, 0.3030



28.6811, 0.3292, 0.4073



28.6811, 0.2605, 0.3550

Sweetspot

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



28.6823, 0.2913, 0.2628



72.7300, 0.3067, 0.3090



34.4162, 0.2736, 0.2970



15.5995, 0.3055, 0.3051



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



28.6823, 0.2913, 0.2628



45.6803, 0.2857, 0.2473



31.1924, 0.3140, 0.2672



8.9244, 0.3057, 0.3059



3.8561, 0.1994, 0.0872



0.1728, 0.2289, 0.1035

Inverse Universe

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



30.5338, 0.3382, 0.2958



49.6226, 0.3453, 0.2884



41.1255, 0.3107, 0.3990



9.0884, 0.3209, 0.3171



7.6197, 0.4840, 0.2440



0.2810, 0.4311, 0.2149

Previews

White Background



This preview shows how the Yxy color 28.6811, 0.2913, 0.2628 looks on a white background.

Color Contrast Check

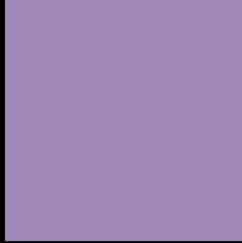
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6811, 0.2913, 0.2628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

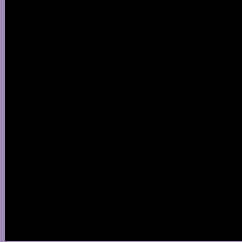
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.6811, 0.2913, 0.2628

Background



This preview shows how black text looks on a background with the Yxy color 28.6811, 0.2913, 0.2628.



This preview shows how white text looks on a background with the Yxy color 28.6811, 0.2913, 0.2628.

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

28.6811, 0.2913, 0.2628

Protanopia

28.7283, 0.2656, 0.2627

Deuteranopia

28.7731, 0.2764, 0.2703



Tritanopia

28.5491, 0.3136, 0.3105

Trichromacy



Original Color

28.6811, 0.2913, 0.2628

Protanomaly

28.5242, 0.2747, 0.2622

Deuteranomaly

28.7231, 0.2818, 0.2682

Tritanomaly

28.5407, 0.3050, 0.2914

Monochromacy



Original Color

28.6811, 0.2913, 0.2628

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.5963, 0.3056, 0.3046

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6811, 0.2913, 0.2628 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(159, 137, 183)` looks like.

```
.text, #text, p{  
    color:rgb(159, 137, 183)  
}
```

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(159, 137, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 137, 183) }
```

Border

The CSS property to change the border of an element to Yxy 28.6811, 0.2913, 0.2628 is called "border". The border property can be set on classes, ids or directly on the HTML element.

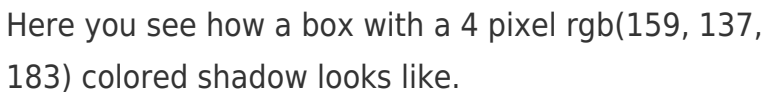
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 137, 183) }
```

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

```
.border{ border-color:rgb(159, 137, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 137, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 137, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 137, 183); box-shadow:4px 4px 4px 4px rgb(159, 137, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6811, 0.2913, 0.2628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 137, 183) }
```

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

```
.background{ background-color: rgb(159,  
137, 183) }
```

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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