

Converting Colors

$Y_{xy}(28.5511, 0.2679, 0.2628)$

Have a look what the booklet for
Yxy(28.5511, 0.2679, 0.2628)
contains.

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Color

Yxy(28.5511, 0.2679, 0.2628)

Conversions

Conversions Part 1

Format	Color
Hex	898FBB
RGB	137, 143, 187
RGB Percent	54%, 56%, 73%
CMY	0.4628, 0.4392, 0.2667
CMYK	0.27, 0.24, 0.00, 0.27
HSL	233°, 27%, 64%
HSV	233°, 27%, 73%
XYZ	29.1052, 28.5511, 50.9857
YIQ	146.2220, -17.7000, 12.4120

Conversions

Conversions Part 2

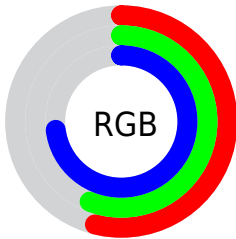
Format	Color
R_{YB}	137, 142, 187
Decimal	9015227
CIE Lab	60.38, 7.77, -23.61
CIE LCh	60, 24.859, 288.225
Yxy	28.5511, 0.2679, 0.2628
Android (android.graphics.Color)	4287205307 (0xFF898FBB)
YUV	146.2220, 20.1036, -8.0877
Hunter-Lab	53.4332, 3.7211, -19.1709

Details

The Yxy color **28.5511, 0.2679, 0.2628** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.4017, 0.3544, 0.3875**, and the grayscale version is **28.7610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.4799, 0.2771, 0.2764**, and **11.5284, 0.2526, 0.2415** is the 20% darker color. If you saturate the color by 10%, you get **22.5256, 0.2485, 0.2331**, and if you desaturate by 10%, it is **35.5765, 0.2860, 0.2900**.

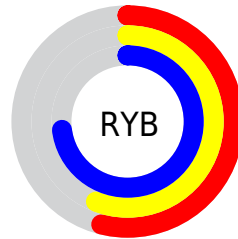
Distribution



Red (54%)

Green (56%)

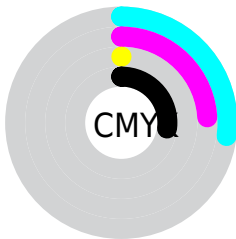
Blue (73%)



Red (54%)

Yellow (56%)

Blue (73%)

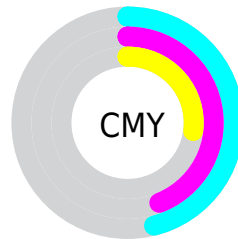


Cyan (27%)

Magenta (24%)

Yellow (0%)

Black (27%)



Cyan (46%)

Magenta (44%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.5511, 0.2679, 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 28.5511, 0.2679, 0.2628 by changing the saturation by 10% instead.

■ 28.5511, 0.2679,
0.2628

■ 28.5511, 0.2679,
0.2628

■ 295.0910, 0.2920,
0.2974

■ 18.7415, 0.2613,
0.2537

■ 57.3631, 0.2771,
0.2757

■ 11.4836, 0.2526,
0.2418

■ 77.1343, 0.2804,
0.2805

■ 6.3931, 0.2405,
0.2256

■ 100.9948, 0.2831,
0.2844

■ 3.0856, 0.2225,
0.2025

■ 129.3290, 0.2855,
0.2878

■ 1.1766, 0.1940,
0.1673

■ 162.5214, 0.2874,
0.2907

■ 0.0424, 0.1060,
0.0196

■ 200.9562, 0.2892,

■ 0.0000, 0.0000,

0.2933

0.0000

245.0180, 0.2907,
0.2955

■ 28.5511, 0.2679,
0.2628

■ 28.5511, 0.2679,
0.2628

■ 22.5256, 0.2485,
0.2331

■ 35.5765, 0.2860,
0.2900

■ 17.4511, 0.2284,
0.2016

■ 43.6410, 0.3025,
0.3142

■ 13.2796, 0.2085,
0.1696

■ 52.7858, 0.3173,
0.3357

■ 9.9578, 0.1899,
0.1387

■ 63.0488, 0.3305,
0.3543

■ 7.4264, 0.1740,
0.1110

■ 74.4662, 0.3421,
0.3705

■ 5.6185, 0.1620,
0.0886

■ 87.0723, 0.3522,
0.3845

■ 4.4525, 0.1543,
0.0727

■ 96.3675, 0.3532,
0.3959

■ 4.1824, 0.1525,
0.0688

Harmonies

Analogous

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



28.5511, 0.2440, 0.2690



28.5511, 0.2679, 0.2628



28.5511, 0.3049, 0.2722

Triad

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



28.5511, 0.2679, 0.2628



28.5511, 0.3944, 0.3582



28.5511, 0.2773, 0.3673

Complementary

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



28.5511, 0.2679, 0.2628



45.4017, 0.3544, 0.3875

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.



28.5511, 0.3162, 0.3958



28.5511, 0.2679, 0.2628



28.5511, 0.3850, 0.3869

Square

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



28.5511, 0.2679, 0.2628



28.5511, 0.3802, 0.3250



28.5511, 0.3558, 0.4022



28.5511, 0.2490, 0.3275

Rectangle

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



28.5511, 0.2679, 0.2628



28.5511, 0.3329, 0.2858



28.5511, 0.3558, 0.4022



28.5511, 0.2895, 0.3788

Sweetspot

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



28.5522, 0.2679, 0.2628



76.0554, 0.3004, 0.3111



44.1625, 0.2786, 0.3385



16.2485, 0.2979, 0.3075



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



28.5522, 0.2679, 0.2628



44.6980, 0.2568, 0.2459



28.4733, 0.2842, 0.2570



9.4057, 0.2984, 0.3082



2.9399, 0.1528, 0.0700



0.1769, 0.1615, 0.1013

Inverse Universe

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



30.4330, 0.3625, 0.3208



48.7935, 0.3775, 0.3189



45.7397, 0.3361, 0.3985



9.5546, 0.3270, 0.3263



7.3265, 0.6232, 0.3207



0.2932, 0.5740, 0.2936

Previews

White Background



This preview shows how the Yxy color 28.5511, 0.2679, 0.2628 looks on a white background.

Color Contrast Check

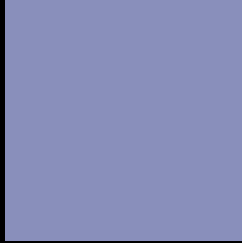
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5511, 0.2679, 0.2628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

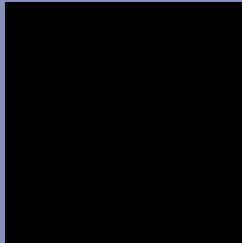
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5511, 0.2679, 0.2628

Background



This preview shows how black text looks on a background with the Yxy color 28.5511, 0.2679, 0.2628.



This preview shows how white text looks on a background with the Yxy color 28.5511, 0.2679, 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

28.5511, 0.2679, 0.2628

Protanopia

28.6457, 0.2647, 0.2625

Deuteranopia

28.6361, 0.2688, 0.2629



Tritanopia

28.5432, 0.2851, 0.3095

Trichromacy



Original Color

28.5511, 0.2679, 0.2628

Protanomaly

28.7283, 0.2656, 0.2627

Deuteranomaly

28.6361, 0.2688, 0.2629

Tritanomaly

28.4466, 0.2784, 0.2910

Monochromacy



Original Color

28.5511, 0.2679, 0.2628

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.6636, 0.2956, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5511, 0.2679, 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(137, 143, 187)` looks like.

```
.text, #text, p{  
    color:rgb(137, 143, 187)  
}
```

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(137, 143, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 143, 187) }
```

Border

The CSS property to change the border of an element to Yxy 28.5511, 0.2679, 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(137, 143, 187) }
```

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

```
.border{ border-color:rgb(137, 143, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 143, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 143, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 143, 187);  
box-shadow:4px 4px 4px 4px rgb(137, 143,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5511, 0.2679, 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(137, 143, 187) }
```

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

```
.background{ background-color: rgb(137,  
143, 187) }
```

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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