

Converting Colors

$Y_{xy}(28.7427, 0.2989, 0.2893)$

Have a look what the booklet for
Yxy(28.7427, 0.2989, 0.2893)
contains.

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Color

Yxy(28.6492, 0.2991, 0.2883)

Conversions

Conversions Part 1

Format	Color
Hex	998DA8
RGB	153, 141, 168
RGB Percent	60%, 55%, 66%
CMY	0.4002, 0.4470, 0.3412
CMYK	0.09, 0.16, 0.00, 0.34
HSL	267°, 13%, 61%
HSV	267°, 16%, 66%
XYZ	29.7224, 28.6492, 41.0012
YIQ	147.6660, -1.5150, 10.9410

Conversions

Conversions Part 2

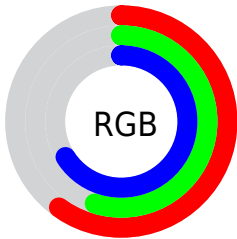
Format	Color
R _Y B	153, 141, 168
Decimal	10063272
CIE Lab	60.47, 9.76, -12.58
CIE LCh	60, 15.924, 307.819
Yxy	28.6492, 0.2991, 0.2883
Android (android.graphics.Color)	4288253352 (0xFF998DA8)
YUV	147.6660, 10.0247, 4.6779
Hunter-Lab	53.5249, 5.4525, -7.9499

Details

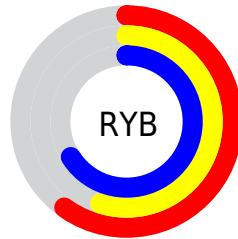
The Yxy color **28.6492, 0.2991, 0.2883** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.9958, 0.3248, 0.3694**, and the grayscale version is **29.4245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6233, 0.3018, 0.2970**, and **11.5679, 0.2943, 0.2751** is the 20% darker color. If you saturate the color by 10%, you get **23.1905, 0.2889, 0.2603**, and if you desaturate by 10%, it is **34.9332, 0.3080, 0.3143**.

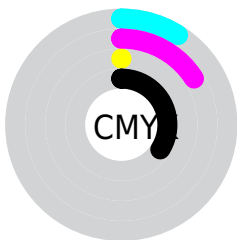
Distribution



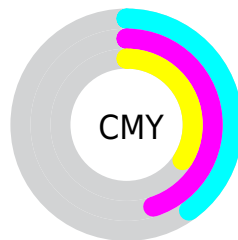
- Red (60%)
- Green (55%)
- Blue (66%)



- Red (60%)
- Yellow (55%)
- Blue (66%)



- Cyan (9%)
- Magenta (16%)
- Yellow (0%)
- Black (34%)



- Cyan (40%)
- Magenta (45%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.6492, 0.2991, 0.2883 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 28.6492, 0.2991, 0.2883 by changing the saturation by 10% instead.

■ 28.6492, 0.2991,
0.2883

■ 28.6492, 0.2991,
0.2883

■ 295.5562, 0.3066,
0.3098

■ 18.8156, 0.2970,
0.2826

■ 57.5193, 0.3020,
0.2964

■ 11.5371, 0.2940,
0.2749

■ 77.3245, 0.3031,
0.2993

■ 6.4293, 0.2898,
0.2644

■ 101.2225, 0.3039,
0.3018

■ 3.1079, 0.2832,
0.2487

■ 129.5975, 0.3046,
0.3039

■ 1.1883, 0.2717,
0.2234

■ 162.8340, 0.3052,
0.3057

■ 0.0521, 0.2256,
0.0408

■ 201.3163, 0.3058,

■ 0.0000, 0.0000,

0.3072

0.0000

245.4289, 0.3062,
0.3086

■ 28.6492, 0.2991,
0.2883

■ 28.6492, 0.2991,
0.2883

■ 23.1905, 0.2889,
0.2603

■ 34.9332, 0.3080,
0.3143

■ 18.5181, 0.2773,
0.2309

■ 42.0720, 0.3156,
0.3381

■ 14.5953, 0.2645,
0.2009

■ 50.0983, 0.3220,
0.3597

■ 11.3808, 0.2507,
0.1714

■ 59.0416, 0.3274,
0.3790

■ 8.8292, 0.2364,
0.1440

■ 68.9303, 0.3319,
0.3962

6.8897, 0.2222,
0.1202

79.7915, 0.3357,
0.4115

5.5037, 0.2088,
0.1012

89.3269, 0.3396,
0.4219

4.5933, 0.1968,
0.0879

90.8153, 0.3458,
0.4200

4.2974, 0.1924,
0.0833

92.3867, 0.3522,
0.4181

Harmonies

Analogous

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



28.6492, 0.2771, 0.2859



28.6492, 0.2991, 0.2883



28.6492, 0.3256, 0.3004

Triad

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



28.6492, 0.2991, 0.2883



28.6492, 0.3627, 0.3615



28.6492, 0.2768, 0.3374

Complementary

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



28.6492, 0.2991, 0.2883



36.9958, 0.3248, 0.3694

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.



28.6492, 0.2986, 0.3603



28.6492, 0.2991, 0.2883



28.6492, 0.3484, 0.3739

Square

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



28.6492, 0.2991, 0.2883



28.6492, 0.3632, 0.3415



28.6492, 0.3247, 0.3739



28.6492, 0.2647, 0.3130

Rectangle

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



28.6492, 0.2991, 0.2883



28.6492, 0.3423, 0.3126



28.6492, 0.3247, 0.3739



28.6492, 0.2832, 0.3456

Sweetspot

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



28.6504, 0.2991, 0.2883



64.5801, 0.3088, 0.3167



32.3688, 0.2882, 0.3110



13.8960, 0.3082, 0.3150



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



28.6504, 0.2991, 0.2883



48.5719, 0.2959, 0.2793



30.0094, 0.3127, 0.2900



7.4570, 0.3052, 0.3061



3.2753, 0.1934, 0.0839



0.1102, 0.2331, 0.1058

Inverse Universe

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



29.7806, 0.3265, 0.3070



51.0117, 0.3299, 0.3023



35.7467, 0.3124, 0.3709



7.6097, 0.3202, 0.3165



6.9021, 0.4686, 0.2355



0.1780, 0.4080, 0.2021

Previews

White Background



This preview shows how the Yxy color 28.6492, 0.2991, 0.2883 looks on a white background.

Color Contrast Check

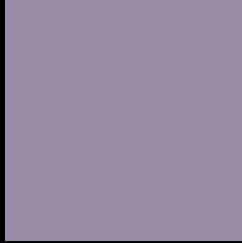
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6492, 0.2991, 0.2883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

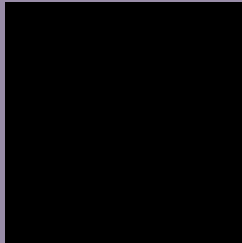
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.6492, 0.2991, 0.2883

Background



This preview shows how black text looks on a background with the Yxy color 28.6492, 0.2991, 0.2883.



This preview shows how white text looks on a background with the Yxy color 28.6492, 0.2991, 0.2883.

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

28.6492, 0.2991, 0.2883

Protanopia

28.8158, 0.2857, 0.2903

Deuteranopia

28.6572, 0.2961, 0.2894



Tritanopia

28.5908, 0.3094, 0.3104

Trichromacy



Original Color

28.6492, 0.2991, 0.2883

Protanomaly

28.8308, 0.2904, 0.2906

Deuteranomaly

28.7525, 0.2971, 0.2896

Tritanomaly

28.5595, 0.3057, 0.3014

Monochromacy



Original Color

28.6492, 0.2991, 0.2883

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.1014, 0.3083, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6492, 0.2991, 0.2883 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(153, 141, 168)` looks like.

```
.text, #text, p{  
    color:rgb(153, 141, 168)  
}
```

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(153, 141, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 141, 168) }
```

Border

The CSS property to change the border of an element to Yxy 28.6492, 0.2991, 0.2883 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(153, 141, 168) }
```

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

```
.border{ border-color:rgb(153, 141, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 141, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 141, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 141, 168);  
box-shadow:4px 4px 4px 4px rgb(153, 141,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6492, 0.2991, 0.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 141, 168) }
```

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

```
.background{ background-color: rgb(153,  
141, 168) }
```

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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