

Converting Colors

$Y_{xy}(29.7506, 0.2971, 0.2831)$

Have a look what the booklet for
Yxy(29.7506, 0.2971, 0.2831)
contains.

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Color

Yxy(29.7688, 0.2966, 0.2833)

Conversions

Conversions Part 1

Format	Color
Hex	9C8FAE
RGB	156, 143, 174
RGB Percent	61%, 56%, 68%
CMY	0.3884, 0.4391, 0.3177
CMYK	0.10, 0.18, 0.00, 0.32
HSL	265°, 16%, 62%
HSV	265°, 18%, 68%
XYZ	31.1663, 29.7688, 44.1436
YIQ	150.4210, -2.2030, 12.3970

Conversions

Conversions Part 2

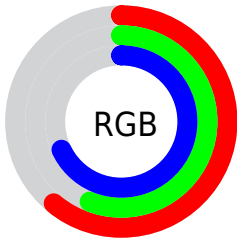
Format	Color
RYB	156, 143, 174
Decimal	10260398
CIELab	61.45, 10.93, -14.48
CIELCh	61, 18.146, 307.052
Yxy	29.7688, 0.2966, 0.2833
Android (android.graphics.Color)	4288450478 (0xFF9C8FAE)
YUV	150.4210, 11.6244, 4.8928
Hunter-Lab	54.5608, 6.4818, -9.7773

Details

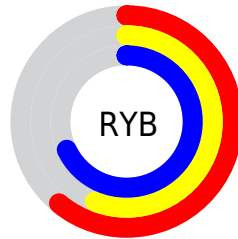
The Yxy color **29.7688, 0.2966, 0.2833** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.8352, 0.3268, 0.3741**, and the grayscale version is **30.6364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.4946, 0.3000, 0.2920**, and **12.2371, 0.2909, 0.2686** is the 20% darker color. If you saturate the color by 10%, you get **23.9757, 0.2856, 0.2548**, and if you desaturate by 10%, it is **36.4589, 0.3062, 0.3099**.

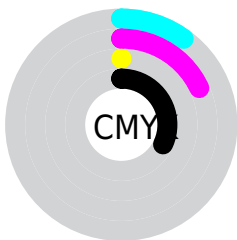
Distribution



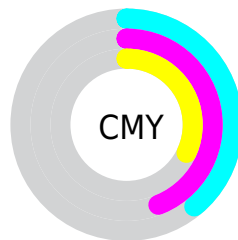
- Red (61%)
- Green (56%)
- Blue (68%)



- Red (61%)
- Yellow (56%)
- Blue (68%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (32%)



- Cyan (39%)
- Magenta (44%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.7688, 0.2966, 0.2833 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 29.7688, 0.2966, 0.2833 by changing the saturation by 10% instead.

■ 29.7688, 0.2966,
0.2833

■ 29.7688, 0.2966,
0.2833

■ 300.8253, 0.3054,
0.3072

■ 19.6632, 0.2941,
0.2770

■ 59.2964, 0.3000,
0.2922

■ 12.1504, 0.2907,
0.2687

■ 79.4871, 0.3012,
0.2955

■ 6.8462, 0.2859,
0.2573

■ 103.8083, 0.3022,
0.2982

■ 3.3661, 0.2785,
0.2407

■ 132.6443, 0.3031,
0.3006

■ 1.3257, 0.2656,
0.2144

■ 166.3797, 0.3038,
0.3026

■ 0.1610, 0.2351,
0.0901

■ 205.3987, 0.3044,

■ 0.0000, 0.0000,

0.3043

0.0000

250.0858, 0.3050,
0.3058

■ 29.7688, 0.2966,
0.2833

■ 29.7688, 0.2966,
0.2833

■ 23.9757, 0.2856,
0.2548

■ 36.4589, 0.3062,
0.3099

■ 19.0367, 0.2732,
0.2249

■ 44.0791, 0.3144,
0.3341

■ 14.9106, 0.2596,
0.1944

■ 52.6653, 0.3214,
0.3561

■ 11.5515, 0.2451,
0.1648

■ 62.2504, 0.3273,
0.3757

■ 8.9087, 0.2302,
0.1375

■ 72.8657, 0.3322,
0.3933

6.9251, 0.2157,
0.1141

84.5412, 0.3364,
0.4088

5.5344, 0.2022,
0.0959

90.8841, 0.3418,
0.4140

4.6319, 0.1903,
0.0833

92.5785, 0.3486,
0.4120

4.4608, 0.1878,
0.0808

94.3714, 0.3555,
0.4101

Harmonies

Analogous

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



29.7688, 0.2723, 0.2808



29.7688, 0.2966, 0.2833



29.7688, 0.3264, 0.2966

Triad

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



29.7688, 0.2966, 0.2833



29.7688, 0.3692, 0.3648



29.7688, 0.2729, 0.3391

Complementary

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



29.7688, 0.2966, 0.2833



39.8352, 0.3268, 0.3741

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.



29.7688, 0.2974, 0.3650



29.7688, 0.2966, 0.2833



29.7688, 0.3533, 0.3793

Square

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



29.7688, 0.2966, 0.2833



29.7688, 0.3694, 0.3422



29.7688, 0.3268, 0.3800



29.7688, 0.2591, 0.3114

Rectangle

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



29.7688, 0.2966, 0.2833



29.7688, 0.3453, 0.3100



29.7688, 0.3268, 0.3800



29.7688, 0.2801, 0.3484

Sweetspot

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



29.7701, 0.2966, 0.2833



69.7210, 0.3085, 0.3167



34.4169, 0.2854, 0.3096



15.2915, 0.3080, 0.3150



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



29.7701, 0.2966, 0.2833



50.0704, 0.2928, 0.2733



31.4102, 0.3121, 0.2854



7.9146, 0.3048, 0.3060



3.2690, 0.1890, 0.0815



0.1235, 0.2257, 0.1017

Inverse Universe

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



31.2230, 0.3276, 0.3033



53.1862, 0.3311, 0.2980



38.3273, 0.3128, 0.3761



8.0906, 0.3199, 0.3159



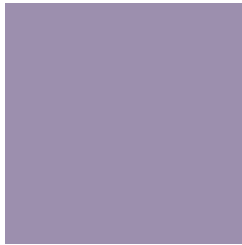
7.2245, 0.4587, 0.2300



0.2116, 0.4068, 0.2015

Previews

White Background



This preview shows how the Yxy color 29.7688, 0.2966, 0.2833 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 29.7688, 0.2966, 0.2833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

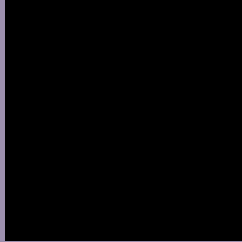
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7688, 0.2966, 0.2833

Background



This preview shows how black text looks on a background with the Yxy color 29.7688, 0.2966, 0.2833.



This preview shows how white text looks on a background with the Yxy color 29.7688, 0.2966, 0.2833.

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

29.7688, 0.2966, 0.2833

Protanopia

29.7925, 0.2809, 0.2835

Deuteranopia

29.8861, 0.2918, 0.2857



Tritanopia

29.7644, 0.3094, 0.3121

Trichromacy



Original Color

29.7688, 0.2966, 0.2833

Protanomaly

29.8954, 0.2863, 0.2839

Deuteranomaly

29.7748, 0.2937, 0.2844

Tritanomaly

29.7652, 0.3048, 0.3018

Monochromacy



Original Color

29.7688, 0.2966, 0.2833

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.0460, 0.3064, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7688, 0.2966, 0.2833 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, 143, 174)` looks like.

```
.text, #text, p{  
    color:rgb(156, 143, 174)  
}
```

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, 143, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 143, 174) }
```

Border

The CSS property to change the border of an element to Yxy 29.7688, 0.2966, 0.2833 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, 143, 174) }
```

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

```
.border{ border-color:rgb(156, 143, 174) }
```

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

Here you see how a box with a 4 pixel rgb(156, 143, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 143, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 143, 174);  
box-shadow:4px 4px 4px 4px rgb(156, 143,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7688, 0.2966, 0.2833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 143, 174) }
```

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

```
.background{ background-color: rgb(156,  
143, 174) }
```

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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