

Converting Colors

$Y_{xy}(30.5035, 0.2828, 0.2633)$

Have a look what the booklet for
Yxy(30.5035, 0.2828, 0.2633)
contains.

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Color

Yxy(30.3870, 0.2835, 0.2633)

Conversions

Conversions Part 1

Format	Color
Hex	9C8FBD
RGB	156, 143, 189
RGB Percent	61%, 56%, 74%
CMY	0.3883, 0.4392, 0.2587
CMYK	0.17, 0.24, 0.00, 0.26
HSL	257°, 26%, 65%
HSV	257°, 24%, 74%
XYZ	32.7182, 30.3870, 52.3030
YIQ	152.1310, -7.0180, 17.0620

Conversions

Conversions Part 2

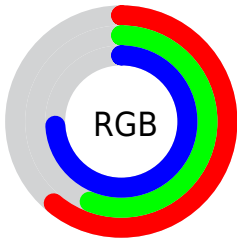
Format	Color
R_{YB}	156, 143, 189
Decimal	10260413
CIE _{Lab}	61.99, 14.27, -22.17
CIE _{LCh}	62, 26.368, 302.761
Yxy	30.3870, 0.2835, 0.2633
Android (android.graphics.Color)	4288450493 (0xFF9C8FBD)
YUV	152.1310, 18.1764, 3.3931
Hunter-Lab	55.1244, 9.4782, -17.6683

Details

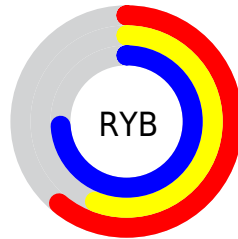
The Yxy color $30.3870, 0.2835, 0.2633$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $47.6289, 0.3375, 0.3913$, and the grayscale version is $31.3815, 0.3127, 0.3290$.

A 20% lighter version of the original color is $60.3740, 0.2899, 0.2765$, and $12.5493, 0.2727, 0.2433$ is the 20% darker color. If you saturate the color by 10%, you get $23.9035, 0.2687, 0.2324$, and if you desaturate by 10%, it is $37.9806, 0.2967, 0.2921$.

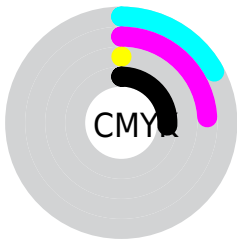
Distribution



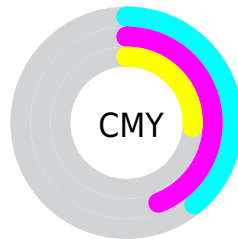
- Red (61%)
- Green (56%)
- Blue (74%)



- Red (61%)
- Yellow (56%)
- Blue (74%)



- Cyan (17%)
- Magenta (24%)
- Yellow (0%)
- Black (26%)



- Cyan (39%)
- Magenta (44%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.3870, 0.2835, 0.2633 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 30.3870, 0.2835, 0.2633 by changing the saturation by 10% instead.

■ 30.3870, 0.2835,
0.2633

■ 30.3870, 0.2835,
0.2633

■ 303.7042, 0.2994,
0.2971

■ 20.1325, 0.2791,
0.2546

■ 60.2737, 0.2896,
0.2758

■ 12.4914, 0.2733,
0.2434

■ 80.6746, 0.2918,
0.2804

■ 7.0793, 0.2650,
0.2283

■ 105.2265, 0.2936,
0.2843

■ 3.5117, 0.2527,
0.2069

■ 134.3138, 0.2951,
0.2876

■ 1.4044, 0.2326,
0.1750

■ 168.3208, 0.2964,
0.2904

■ 0.2199, 0.1973,
0.0779

■ 207.6319, 0.2975,

■ 0.0000, 0.0000,

0.2929

0.0000

252.6316, 0.2985,
0.2951

■ 30.3870, 0.2835,
0.2633

■ 30.3870, 0.2835,
0.2633

■ 23.9035, 0.2687,
0.2324

■ 37.9806, 0.2967,
0.2921

■ 18.4736, 0.2524,
0.2002

■ 46.7298, 0.3082,
0.3184

■ 14.0412, 0.2352,
0.1681

■ 56.6823, 0.3181,
0.3420

■ 10.5434, 0.2178,
0.1378

■ 67.8816, 0.3266,
0.3630

■ 7.9102, 0.2010,
0.1112

■ 80.3693, 0.3338,
0.3815

■ 6.0609, 0.1860,
0.0901

■ 93.2727, 0.3401,
0.3965

■ 4.8989, 0.1737,
0.0758

■ 95.7037, 0.3493,
0.3945

■ 4.4407, 0.1679,
0.0699

■ 96.4555, 0.3520,
0.3939

Harmonies

Analogous

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



30.3870, 0.2514, 0.2615



30.3870, 0.2835, 0.2633



30.3870, 0.3257, 0.2799

Triad

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



30.3870, 0.2835, 0.2633



30.3870, 0.3958, 0.3746



30.3870, 0.2598, 0.3492

Complementary

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



30.3870, 0.2835, 0.2633



47.6289, 0.3375, 0.3913

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.



30.3870, 0.2958, 0.3867



30.3870, 0.2835, 0.2633



30.3870, 0.3750, 0.3991

Square

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



30.3870, 0.2835, 0.2633



30.3870, 0.3931, 0.3414



30.3870, 0.3380, 0.4051



30.3870, 0.2385, 0.3079

Rectangle

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



30.3870, 0.2835, 0.2633



30.3870, 0.3540, 0.2975



30.3870, 0.3380, 0.4051



30.3870, 0.2705, 0.3629

Sweetspot

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



30.3882, 0.2835, 0.2633



79.1214, 0.3052, 0.3114



40.8646, 0.2759, 0.3115



16.8080, 0.3045, 0.3099



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.



30.3882, 0.2835, 0.2633



48.2247, 0.2761, 0.2477



32.8216, 0.3049, 0.2673



9.3521, 0.3027, 0.3056



3.0205, 0.1690, 0.0705



0.1525, 0.1964, 0.0856

Inverse Universe

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



33.6061, 0.3281, 0.2852



54.9988, 0.3321, 0.2758



45.2376, 0.3183, 0.3952



9.6491, 0.3179, 0.3127



8.4832, 0.4067, 0.2014



0.3430, 0.3817, 0.1876

Previews

White Background



This preview shows how the Yxy color 30.3870, 0.2835, 0.2633 looks on a white background.

Color Contrast Check

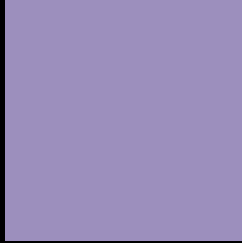
Large Text (above 18pt) WCAG AA × Fail

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 30.3870, 0.2835, 0.2633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

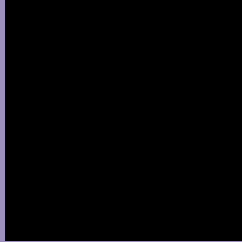
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3870, 0.2835, 0.2633

Background



This preview shows how black text looks on a background with the Yxy color 30.3870, 0.2835, 0.2633.



This preview shows how white text looks on a background with the Yxy color 30.3870, 0.2835, 0.2633.

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

30.3870, 0.2835, 0.2633

Protanopia

30.4333, 0.2650, 0.2627

Deuteranopia

30.4276, 0.2738, 0.2687



Tritanopia

30.2972, 0.3045, 0.3106

Trichromacy



Original Color

30.3870, 0.2835, 0.2633

Protanomaly

30.3833, 0.2715, 0.2621

Deuteranomaly

30.4845, 0.2773, 0.2678

Tritanomaly

30.2703, 0.2964, 0.2917

Monochromacy



Original Color

30.3870, 0.2835, 0.2633

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.9838, 0.3019, 0.3049

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3870, 0.2835, 0.2633 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(156, 143, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 143, 189) }
```

Border

The CSS property to change the border of an element to Yxy 30.3870, 0.2835, 0.2633 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, 189) }
```

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

```
.border{ border-color:rgb(156, 143, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 143, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 143, 189); box-shadow:4px 4px 4px 4px rgb(156, 143, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3870, 0.2835, 0.2633 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, 189) }
```

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

```
.background{ background-color: rgb(156,  
143, 189) }
```

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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