

Converting Colors

$Yxy(31.8604, 0.2993, 0.2723)$

Have a look what the booklet for
Yxy(31.8604, 0.2993, 0.2723)
contains.

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Color

Yxy(31.8843, 0.2995, 0.2721)

Conversions

Conversions Part 1

Format	Color
Hex	A990B9
RGB	169, 144, 185
RGB Percent	66%, 56%, 73%
CMY	0.3372, 0.4353, 0.2745
CMYK	0.09, 0.22, 0.00, 0.27
HSL	277°, 23%, 65%
HSV	277°, 22%, 73%
XYZ	35.0950, 31.8843, 50.1993
YIQ	156.1490, 1.7390, 18.0510

Conversions

Conversions Part 2

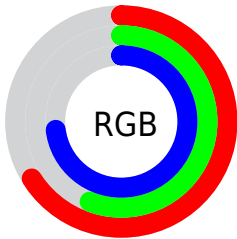
Format	Color
R _Y B	169, 144, 185
Decimal	11112633
CIE Lab	63.25, 17.12, -17.87
CIE LCh	63, 24.751, 313.775
Yxy	31.8843, 0.2995, 0.2721
Android (android.graphics.Color)	4289302713 (0xFFA990B9)
YUV	156.1490, 14.2235, 11.2703
Hunter-Lab	56.4662, 12.1259, -13.1834

Details

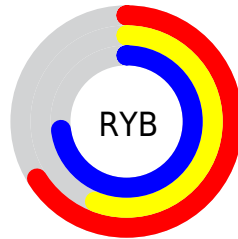
The Yxy color **31.8843, 0.2995, 0.2721** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.1790, 0.3234, 0.3875**, and the grayscale version is **33.2518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5863, 0.3021, 0.2830**, and **13.2766, 0.2949, 0.2540** is the 20% darker color. If you saturate the color by 10%, you get **25.9581, 0.2919, 0.2443**, and if you desaturate by 10%, it is **38.7753, 0.3061, 0.2988**.

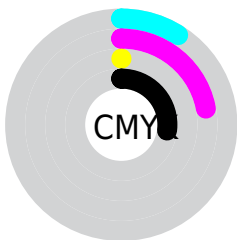
Distribution



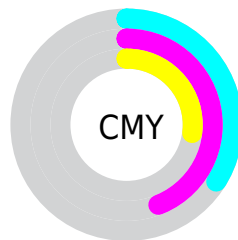
- Red (66%)
- Green (56%)
- Blue (73%)



- Red (66%)
- Yellow (56%)
- Blue (73%)



- Cyan (9%)
- Magenta (22%)
- Yellow (0%)
- Black (27%)



- Cyan (34%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.8843, 0.2995, 0.2721 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 31.8843, 0.2995, 0.2721 by changing the saturation by 10% instead.

■ 31.8843, 0.2995,
0.2721

■ 31.8843, 0.2995,
0.2721

310.5919, 0.3069,
0.3012

■ 21.2731, 0.2974,
0.2647

■ 62.6297, 0.3024,
0.2828

■ 13.3238, 0.2945,
0.2550

■ 83.5327, 0.3034,
0.2868

■ 7.6519, 0.2904,
0.2421

108.6351, 0.3042,
0.2901

■ 3.8730, 0.2840,
0.2238

138.3212, 0.3049,
0.2930

■ 1.6028, 0.2732,
0.1962

172.9756, 0.3055,
0.2954

■ 0.3595, 0.2592,
0.1227

212.9826, 0.3061,

■ 0.0000, 0.0000,

0.2976

0.0000

258.7265, 0.3065,
0.2995

■ 31.8843, 0.2995,
0.2721

■ 31.8843, 0.2995,
0.2721

■ 25.9581, 0.2919,
0.2443

■ 38.7753, 0.3061,
0.2988

■ 20.9474, 0.2834,
0.2162

■ 46.6695, 0.3116,
0.3238

■ 16.8044, 0.2739,
0.1887

■ 55.6078, 0.3163,
0.3470

■ 13.4751, 0.2638,
0.1631

■ 65.6279, 0.3202,
0.3682

■ 10.8996, 0.2533,
0.1406

■ 76.7655, 0.3234,
0.3873

9.0092, 0.2429,
0.1225

89.0546, 0.3260,
0.4046

7.7220, 0.2329,
0.1092

90.1558, 0.3306,
0.4035

7.0081, 0.2255,
0.1016

91.3011, 0.3354,
0.4024

92.4955, 0.3401,
0.4012

Harmonies

Analogous

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



31.8843, 0.2653, 0.2652



31.8843, 0.2995, 0.2721



31.8843, 0.3395, 0.2919

Triad

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



31.8843, 0.2995, 0.2721



31.8843, 0.3848, 0.3812



31.8843, 0.2546, 0.3334

Complementary

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



31.8843, 0.2995, 0.2721



44.1790, 0.3234, 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.



31.8843, 0.2838, 0.3707



31.8843, 0.2995, 0.2721



31.8843, 0.3592, 0.3982

Square

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



31.8843, 0.2995, 0.2721



31.8843, 0.3905, 0.3526



31.8843, 0.3220, 0.3953



31.8843, 0.2407, 0.2976

Rectangle

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



31.8843, 0.2995, 0.2721



31.8843, 0.3637, 0.3103



31.8843, 0.3220, 0.3953



31.8843, 0.2628, 0.3464

Sweetspot

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



31.8857, 0.2995, 0.2721



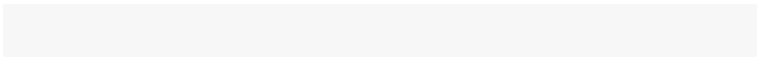
76.3577, 0.3090, 0.3116



34.7106, 0.2777, 0.2930



16.2818, 0.3087, 0.3102



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.



31.8857, 0.2995, 0.2721



51.2954, 0.2956, 0.2575



33.5910, 0.3192, 0.2799



8.9834, 0.3077, 0.3060



4.8153, 0.2266, 0.1022



0.2044, 0.2512, 0.1157

Inverse Universe

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



32.7961, 0.3402, 0.3071



53.3046, 0.3486, 0.3016



42.7654, 0.3068, 0.3836



9.0686, 0.3228, 0.3201



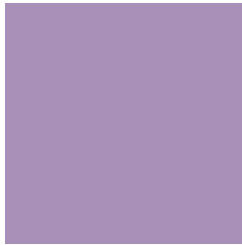
7.3557, 0.5388, 0.2742



0.2716, 0.4697, 0.2361

Previews

White Background



This preview shows how the Yxy color 31.8843, 0.2995, 0.2721 looks on a white background.

Color Contrast Check

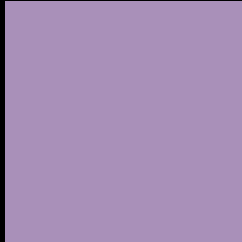
Large Text (above 18pt) WCAG AA × Fail

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 31.8843, 0.2995, 0.2721 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 31.8843, 0.2995, 0.2721

Background



This preview shows how black text looks on a background with the Yxy color 31.8843, 0.2995, 0.2721.



This preview shows how white text looks on a background with the Yxy color 31.8843, 0.2995, 0.2721.

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

31.8843, 0.2995, 0.2721

Protanopia

32.1035, 0.2729, 0.2736

Deuteranopia

32.0457, 0.2854, 0.2798



Tritanopia

31.7172, 0.3187, 0.3114

Trichromacy



Original Color

31.8843, 0.2995, 0.2721

Protanomaly

31.8980, 0.2821, 0.2730

Deuteranomaly

32.0114, 0.2909, 0.2776

Tritanomaly

31.8390, 0.3112, 0.2973

Monochromacy



Original Color

31.8843, 0.2995, 0.2721

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.8236, 0.3078, 0.3071

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.8843, 0.2995, 0.2721 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(169, 144, 185)` looks like.

```
.text, #text, p{  
    color:rgb(169, 144, 185)  
}
```

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(169, 144, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 144, 185) }
```

Border

The CSS property to change the border of an element to Yxy 31.8843, 0.2995, 0.2721 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(169, 144, 185) }
```

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

```
.border{ border-color:rgb(169, 144, 185) }
```

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

Here you see how a box with a 4 pixel rgb(169, 144, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 144, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 144, 185);  
box-shadow:4px 4px 4px 4px rgb(169, 144,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 31.8843, 0.2995, 0.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 144, 185) }
```

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

```
.background{ background-color: rgb(169,  
144, 185) }
```

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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