

Converting Colors

Yxy(31.4848, 0.3023, 0.2849)

Have a look what the booklet for
Yxy(31.4848, 0.3023, 0.2849)
contains.

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Color

Yxy(31.5849, 0.3027, 0.2860)

Conversions

Conversions Part 1

Format	Color
Hex	A492B0
RGB	164, 146, 176
RGB Percent	64%, 57%, 69%
CMY	0.3568, 0.4275, 0.3097
CMYK	0.07, 0.17, 0.00, 0.31
HSL	276°, 16%, 63%
HSV	276°, 17%, 69%
XYZ	33.4292, 31.5849, 45.4226
YIQ	154.8020, 1.0980, 13.1460

Conversions

Conversions Part 2

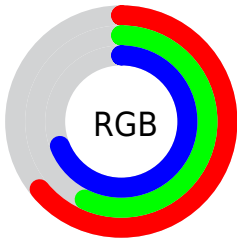
Format	Color
RYB	164, 146, 176
Decimal	10785456
CIELab	63.00, 12.43, -13.24
CIELCh	63, 18.157, 313.198
Yxy	31.5849, 0.3027, 0.2860
Android (android.graphics.Color)	4288975536 (0xFFA492B0)
YUV	154.8020, 10.4506, 8.0666
Hunter-Lab	56.2004, 7.8247, -8.5794

Details

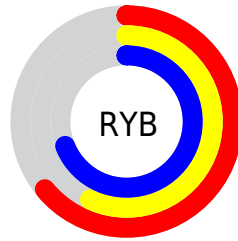
The Yxy color **31.5849, 0.3027, 0.2860** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.4067, 0.3213, 0.3728**, and the grayscale version is **32.6406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1948, 0.3045, 0.2940**, and **13.0592, 0.2995, 0.2726** is the 20% darker color. If you saturate the color by 10%, you get **25.8421, 0.2955, 0.2588**, and if you desaturate by 10%, it is **38.2074, 0.3089, 0.3118**.

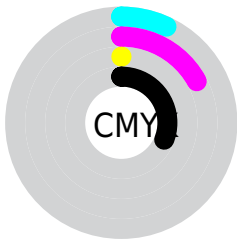
Distribution



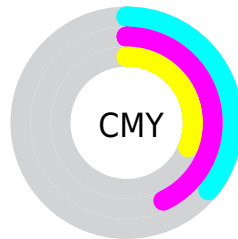
- Red (64%)
- Green (57%)
- Blue (69%)



- Red (64%)
- Yellow (57%)
- Blue (69%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)
- Black (31%)




- Cyan (36%)
- Magenta (43%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5849, 0.3027, 0.2860 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 31.5849, 0.3027, 0.2860 by changing the saturation by 10% instead.


 31.5849, 0.3027,
0.2860


 31.5849, 0.3027,
0.2860


309.2240, 0.3082,
0.3083

 21.0446, 0.3011,
0.2802


 62.1598, 0.3049,
0.2943

 13.1566, 0.2990,
0.2726

 82.9632, 0.3056,
0.2973

 7.5365, 0.2959,
0.2622


107.9564, 0.3062,
0.2999

 3.7998, 0.2911,
0.2473

137.5239, 0.3068,
0.3021

 1.5622, 0.2828,
0.2239

172.0500, 0.3072,
0.3039

 0.3319, 0.2721,
0.1459

211.9191, 0.3076,

 0.0000, 0.0000,

0.3056

0.0000

257.5156, 0.3080,
0.3070

■ 31.5849, 0.3027,
0.2860

■ 31.5849, 0.3027,
0.2860

■ 25.8421, 0.2955,
0.2588

■ 38.2074, 0.3089,
0.3118

■ 20.9363, 0.2872,
0.2307

■ 45.7420, 0.3142,
0.3359

■ 16.8271, 0.2780,
0.2027

■ 54.2242, 0.3186,
0.3579

■ 13.4690, 0.2679,
0.1758

■ 63.6864, 0.3222,
0.3780

■ 10.8119, 0.2574,
0.1514

■ 74.1596, 0.3251,
0.3961

■ 8.7993, 0.2467,
0.1307

■ 85.6732, 0.3276,
0.4124

■ 7.3656, 0.2362,
0.1146

■ 88.8477, 0.3317,
0.4143

■ 6.4161, 0.2263,
0.1034

■ 89.9257, 0.3363,
0.4130

■ 6.1760, 0.2235,
0.1005

■ 91.0501, 0.3410,
0.4117

Harmonies

Analogous

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



31.5849, 0.2772, 0.2812



31.5849, 0.3027, 0.2860



31.5849, 0.3321, 0.3009

Triad

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



31.5849, 0.3027, 0.2860



31.5849, 0.3661, 0.3679



31.5849, 0.2699, 0.3332

Complementary

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



31.5849, 0.3027, 0.2860



40.4067, 0.3213, 0.3728

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.



31.5849, 0.2922, 0.3597



31.5849, 0.3027, 0.2860



31.5849, 0.3479, 0.3797

Square

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



31.5849, 0.3027, 0.2860



31.5849, 0.3697, 0.3469



31.5849, 0.3206, 0.3772



31.5849, 0.2590, 0.3069

Rectangle

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



31.5849, 0.3027, 0.2860



31.5849, 0.3497, 0.3149



31.5849, 0.3206, 0.3772



31.5849, 0.2762, 0.3425

Sweetspot

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



31.5862, 0.3027, 0.2860



71.8339, 0.3100, 0.3167



33.8741, 0.2862, 0.3029



15.3732, 0.3096, 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.



31.5862, 0.3027, 0.2860



53.6694, 0.3004, 0.2772



32.8274, 0.3170, 0.2909



8.4738, 0.3076, 0.3061



4.5646, 0.2244, 0.1010



0.1765, 0.2516, 0.1160

Inverse Universe

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



32.2589, 0.3324, 0.3120



55.1179, 0.3369, 0.3086



39.3260, 0.3086, 0.3704



8.5597, 0.3226, 0.3199



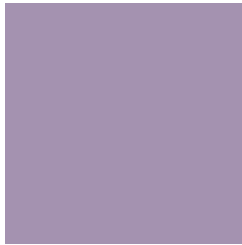
7.1115, 0.5343, 0.2717



0.2354, 0.4608, 0.2312

Previews

White Background



This preview shows how the Yxy color 31.5849, 0.3027, 0.2860 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 31.5849, 0.3027, 0.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

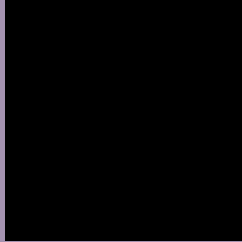
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5849, 0.3027, 0.2860

Background



This preview shows how black text looks on a background with the Yxy color 31.5849, 0.3027, 0.2860.



This preview shows how white text looks on a background with the Yxy color 31.5849, 0.3027, 0.2860.

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

31.5849, 0.3027, 0.2860

Protanopia

31.5909, 0.2842, 0.2874

Deuteranopia

31.6580, 0.2958, 0.2909



Tritanopia

31.7143, 0.3155, 0.3128

Trichromacy



Original Color

31.5849, 0.3027, 0.2860

Protanomaly

31.4815, 0.2904, 0.2864

Deuteranomaly

31.6459, 0.2987, 0.2898

Tritanomaly

31.7195, 0.3109, 0.3027

Monochromacy



Original Color

31.5849, 0.3027, 0.2860

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.3699, 0.3085, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5849, 0.3027, 0.2860 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(164, 146, 176)` looks like.

```
.text, #text, p{  
    color:rgb(164, 146, 176)  
}
```

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(164, 146, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 146, 176) }
```

Border

The CSS property to change the border of an element to Yxy 31.5849, 0.3027, 0.2860 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(164, 146, 176) }
```

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

```
.border{ border-color:rgb(164, 146, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 146, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 146, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 146, 176);  
box-shadow:4px 4px 4px 4px rgb(164, 146,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5849, 0.3027, 0.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 146, 176) }
```

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

```
.background{ background-color: rgb(164,  
146, 176) }
```

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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