

Converting Colors

$Y_{xy}(31.5015, 0.2973, 0.2866)$

Have a look what the booklet for
Yxy(31.5015, 0.2973, 0.2866)
contains.

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Color

Yxy(31.4127, 0.2969, 0.2855)

Conversions

Conversions Part 1

Format	Color
Hex	9F93B1
RGB	159, 147, 177
RGB Percent	62%, 58%, 69%
CMY	0.3765, 0.4235, 0.3058
CMYK	0.10, 0.17, 0.00, 0.31
HSL	264°, 16%, 64%
HSV	264°, 17%, 69%
XYZ	32.6670, 31.4127, 45.9473
YIQ	154.0080, -2.4780, 11.8740

Conversions

Conversions Part 2

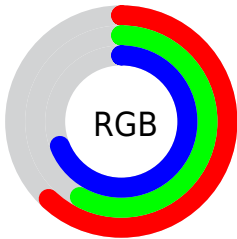
Format	Color
R_{YB}	159, 147, 177
Decimal	10458033
CIE _{Lab}	62.85, 10.35, -14.06
CIE _{LCh}	63, 17.454, 306.352
Yxy	31.4127, 0.2969, 0.2855
Android (android.graphics.Color)	4288648113 (0xFF9F93B1)
YUV	154.0080, 11.3351, 4.3780
Hunter-Lab	56.0470, 5.9564, -9.3729

Details

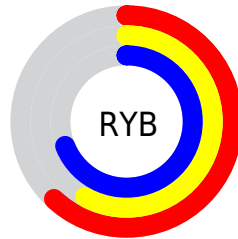
The Yxy color **31.4127, 0.2969, 0.2855** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.5633, 0.3267, 0.3718**, and the grayscale version is **32.2690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9526, 0.3001, 0.2936**, and **12.9468, 0.2913, 0.2716** is the 20% darker color. If you saturate the color by 10%, you get **25.2844, 0.2856, 0.2570**, and if you desaturate by 10%, it is **38.4844, 0.3067, 0.3120**.

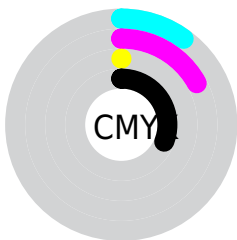
Distribution



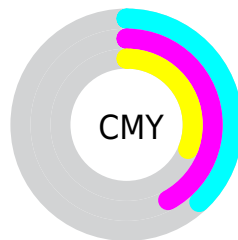
- Red (62%)
- Green (58%)
- Blue (69%)



- Red (62%)
- Yellow (58%)
- Blue (69%)



- Cyan (10%)
- Magenta (17%)
- Yellow (0%)
- Black (31%)





- Cyan (38%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4127, 0.2969, 0.2855 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 31.4127, 0.2969, 0.2855 by changing the saturation by 10% instead.


 31.4127, 0.2969,
0.2855


 31.4127, 0.2969,
0.2855


308.4351, 0.3055,
0.3081

 20.9133, 0.2945,
0.2796


 61.8892, 0.3002,
0.2939

 13.0606, 0.2913,
0.2719


 82.6352, 0.3014,
0.2970

 7.4703, 0.2867,
0.2613


107.5654, 0.3024,
0.2996

 3.7579, 0.2798,
0.2459

137.0644, 0.3032,
0.3018

 1.5391, 0.2681,
0.2220

171.5165, 0.3039,
0.3037

 0.3160, 0.2465,
0.1409

211.3060, 0.3045,

 0.0000, 0.0000,

0.3054

0.0000

256.8174, 0.3050,
0.3068

■ 31.4127, 0.2969,
0.2855

■ 31.4127, 0.2969,
0.2855

■ 25.2844, 0.2856,
0.2570

■ 38.4844, 0.3067,
0.3120

■ 20.0547, 0.2729,
0.2269

■ 46.5339, 0.3151,
0.3361

■ 15.6806, 0.2590,
0.1962

■ 55.5988, 0.3223,
0.3578

■ 12.1145, 0.2441,
0.1661

■ 65.7134, 0.3283,
0.3773

■ 9.3036, 0.2288,
0.1383

■ 76.9104, 0.3334,
0.3946

7.1886, 0.2139,
0.1142

89.2212, 0.3377,
0.4099

5.7010, 0.2001,
0.0954

92.0934, 0.3445,
0.4096

4.7438, 0.1880,
0.0825

93.9425, 0.3516,
0.4077

4.5018, 0.1846,
0.0791

95.9013, 0.3589,
0.4057

Harmonies

Analogous

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



31.4127, 0.2740, 0.2835



31.4127, 0.2969, 0.2855



31.4127, 0.3250, 0.2979

Triad

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



31.4127, 0.2969, 0.2855



31.4127, 0.3663, 0.3625



31.4127, 0.2755, 0.3392

Complementary

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



31.4127, 0.2969, 0.2855



41.5633, 0.3267, 0.3718

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.



31.4127, 0.2989, 0.3634



31.4127, 0.2969, 0.2855



31.4127, 0.3516, 0.3763

Square

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



31.4127, 0.2969, 0.2855



31.4127, 0.3661, 0.3411



31.4127, 0.3268, 0.3772



31.4127, 0.2622, 0.3131

Rectangle

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



31.4127, 0.2969, 0.2855



31.4127, 0.3429, 0.3106



31.4127, 0.3268, 0.3772



31.4127, 0.2824, 0.3479

Sweetspot

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



31.4140, 0.2969, 0.2855



71.4662, 0.3084, 0.3167



36.4754, 0.2868, 0.3121



15.2832, 0.3078, 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.



31.4140, 0.2969, 0.2855



52.3456, 0.2932, 0.2761



32.9881, 0.3112, 0.2874



8.3901, 0.3045, 0.3059



3.2942, 0.1857, 0.0797



0.1380, 0.2194, 0.0983

Inverse Universe

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



32.9371, 0.3262, 0.3038



55.5676, 0.3294, 0.2986



40.0919, 0.3137, 0.3735



8.5881, 0.3196, 0.3154



7.5438, 0.4513, 0.2260



0.2485, 0.4061, 0.2011

Previews

White Background



This preview shows how the Yxy color 31.4127, 0.2969, 0.2855 looks on a white background.

Color Contrast Check

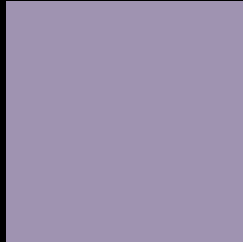
Large Text (above 18pt) WCAG AA × Fail

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 31.4127, 0.2969, 0.2855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

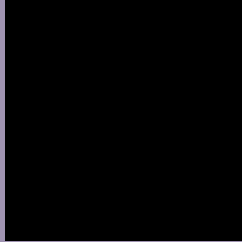
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4127, 0.2969, 0.2855

Background



This preview shows how black text looks on a background with the Yxy color 31.4127, 0.2969, 0.2855.



This preview shows how white text looks on a background with the Yxy color 31.4127, 0.2969, 0.2855.

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

31.4127, 0.2969, 0.2855

Protanopia

31.5395, 0.2824, 0.2859

Deuteranopia

31.3227, 0.2931, 0.2865



Tritanopia

31.4538, 0.3085, 0.3125

Trichromacy



Original Color

31.4127, 0.2969, 0.2855

Protanomaly

31.6467, 0.2877, 0.2863

Deuteranomaly

31.4221, 0.2941, 0.2866

Tritanomaly

31.4530, 0.3040, 0.3023

Monochromacy



Original Color

31.4127, 0.2969, 0.2855

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.8098, 0.3075, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4127, 0.2969, 0.2855 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(159, 147, 177)` looks like.

```
.text, #text, p{  
    color:rgb(159, 147, 177)  
}
```

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(159, 147, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 147, 177) }
```

Border

The CSS property to change the border of an element to Yxy 31.4127, 0.2969, 0.2855 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(159, 147, 177) }
```

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

```
.border{ border-color:rgb(159, 147, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 147, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 147, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 147, 177);  
box-shadow:4px 4px 4px 4px rgb(159, 147,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4127, 0.2969, 0.2855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 147, 177) }
```

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

```
.background{ background-color: rgb(159,  
147, 177) }
```

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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