

Converting Colors

Yxy(31.2765, 0.3219, 0.3100)

Have a look what the booklet for
Yxy(31.2765, 0.3219, 0.3100)
contains.

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Color

Yxy(31.2765, 0.3219, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	A7929F
RGB	167, 146, 159
RGB Percent	65%, 57%, 62%
CMY	0.3450, 0.4275, 0.3764
CMYK	0.00, 0.13, 0.05, 0.35
HSL	323°, 11%, 61%
HSV	323°, 13%, 65%
XYZ	32.4771, 31.2765, 37.1383
YIQ	153.7610, 8.3430, 8.4950

Conversions

Conversions Part 2

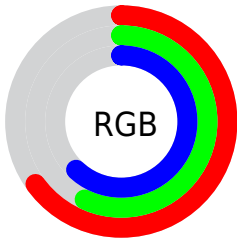
Format	Color
RYB	167, 146, 159
Decimal	10982047
CIELab	62.74, 10.16, -3.98
CIELCh	63, 10.909, 338.605
Yxy	31.2765, 0.3219, 0.3100
Android (android.graphics.Color)	4289172127 (0xFFA7929F)
YUV	153.7610, 2.5828, 11.6106
Hunter-Lab	55.9254, 5.7895, -0.2249

Details

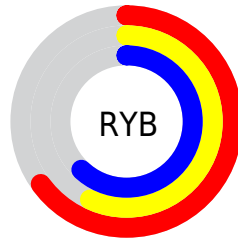
The Yxy color **31.2765, 0.3219, 0.3100** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.0856, 0.3045, 0.3488**, and the grayscale version is **32.1922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6932, 0.3197, 0.3135**, and **12.9120, 0.3246, 0.3022** is the 20% darker color. If you saturate the color by 10%, you get **26.2848, 0.3307, 0.2942**, and if you desaturate by 10%, it is **37.0345, 0.3144, 0.3252**.

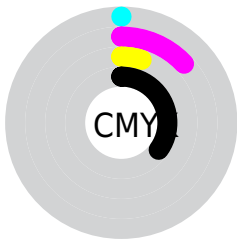
Distribution



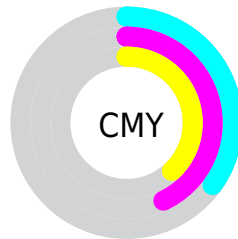
- Red (65%)
- Green (57%)
- Blue (62%)



- Red (65%)
- Yellow (57%)
- Blue (62%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (35%)




- Cyan (35%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2765, 0.3219, 0.3100 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 31.2765, 0.3219, 0.3100 by changing the saturation by 10% instead.


 31.2765, 0.3219,
0.3100


 31.2765, 0.3219,
0.3100


307.8101, 0.3171,
0.3200

 20.8095, 0.3232,
0.3073


 61.6751, 0.3201,
0.3138

 12.9848, 0.3249,
0.3038


 82.3755, 0.3194,
0.3151

 7.4181, 0.3273,
0.2989


107.2559, 0.3189,
0.3163

 3.7249, 0.3308,
0.2915

136.7005, 0.3184,
0.3173

 1.5209, 0.3366,
0.2796

171.0939, 0.3180,
0.3181

 0.3034, 0.3703,
0.2095

210.8203, 0.3177,

 0.0000, 0.0000,

0.3188

0.0000

256.2643, 0.3173,
0.3194

■ 31.2765, 0.3219,
0.3100

■ 31.2765, 0.3219,
0.3100

■ 26.2848, 0.3307,
0.2942

■ 37.0345, 0.3144,
0.3252

■ 22.0226, 0.3411,
0.2781

■ 43.5853, 0.3082,
0.3396

■ 18.4563, 0.3531,
0.2623

■ 50.9593, 0.3030,
0.3529

■ 15.5479, 0.3668,
0.2476

■ 59.1840, 0.2986,
0.3653

■ 13.2558, 0.3819,
0.2350

■ 68.2855, 0.2950,
0.3767

■ 11.5338, 0.3982,
0.2256

■ 78.2892, 0.2920,
0.3871

■ 10.3287, 0.4152,
0.2205

■ 84.0703, 0.2891,
0.3886

■ 9.5776, 0.4322,
0.2202

■ 84.3800, 0.2858,
0.3810

■ 9.2074, 0.4447,
0.2224

■ 84.7022, 0.2826,
0.3734

Harmonies

Analogous

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



31.2765, 0.3042, 0.3016



31.2765, 0.3219, 0.3100



31.2765, 0.3374, 0.3232

Triad

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



31.2765, 0.3219, 0.3100



31.2765, 0.3362, 0.3589



31.2765, 0.2803, 0.3183

Complementary

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



31.2765, 0.3219, 0.3100



36.0856, 0.3045, 0.3488

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.



31.2765, 0.2884, 0.3343



31.2765, 0.3219, 0.3100



31.2765, 0.3205, 0.3583

Square

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



31.2765, 0.3219, 0.3100



31.2765, 0.3458, 0.3513



31.2765, 0.3030, 0.3492



31.2765, 0.2806, 0.3059

Rectangle

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



31.2765, 0.3219, 0.3100



31.2765, 0.3443, 0.3332



31.2765, 0.3030, 0.3492



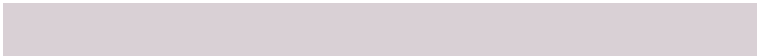
31.2765, 0.2821, 0.3235

Sweetspot

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



31.2779, 0.3219, 0.3100



64.6915, 0.3155, 0.3230



30.1882, 0.3007, 0.2974



14.3005, 0.3160, 0.3219



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



31.2779, 0.3219, 0.3100



53.4718, 0.3241, 0.3058



30.9372, 0.3321, 0.3249



7.6176, 0.3193, 0.3151



7.0541, 0.4432, 0.2215



0.1811, 0.3935, 0.1942

Inverse Universe

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



31.2779, 0.3219, 0.3100



53.4718, 0.3241, 0.3058



36.4411, 0.2962, 0.3331



7.6176, 0.3193, 0.3151



7.0541, 0.4432, 0.2215



0.1811, 0.3935, 0.1942

Previews

White Background



This preview shows how the Yxy color 31.2765, 0.3219, 0.3100 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 31.2765, 0.3219, 0.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

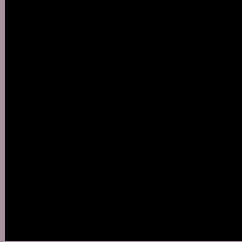
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2765, 0.3219, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 31.2765, 0.3219, 0.3100.



This preview shows how white text looks on a background with the Yxy color 31.2765, 0.3219, 0.3100.

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

31.2765, 0.3219, 0.3100

Protanopia

31.4173, 0.3036, 0.3123

Deuteranopia

31.1572, 0.3177, 0.3113



Tritanopia

31.2419, 0.3229, 0.3115

Trichromacy



Original Color

31.2765, 0.3219, 0.3100

Protanomaly

31.2362, 0.3095, 0.3110

Deuteranomaly

31.2632, 0.3187, 0.3113

Tritanomaly

31.2419, 0.3229, 0.3115

Monochromacy



Original Color

31.2765, 0.3219, 0.3100

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.9044, 0.3161, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2765, 0.3219, 0.3100 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(167, 146, 159)` looks like.

```
.text, #text, p{  
    color:rgb(167, 146, 159)  
}
```

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(167, 146, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 146, 159) }
```

Border

The CSS property to change the border of an element to Yxy 31.2765, 0.3219, 0.3100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

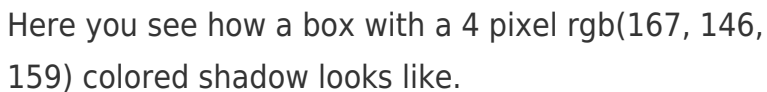
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 146, 159) }
```

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

```
.border{ border-color:rgb(167, 146, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 146, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 146, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 146, 159); box-shadow:4px 4px 4px 4px rgb(167, 146, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2765, 0.3219, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 146, 159) }
```

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

```
.background{ background-color: rgb(167,  
146, 159) }
```

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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