

Converting Colors

$Yxy(29.5077, 0.3106, 0.2902)$

Have a look what the booklet for
Yxy(29.5077, 0.3106, 0.2902)
contains.

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Color

Yxy(29.6263, 0.3103, 0.2909)

Conversions

Conversions Part 1

Format	Color
Hex	A38DA7
RGB	163, 141, 167
RGB Percent	64%, 55%, 65%
CMY	0.3608, 0.4470, 0.3451
CMYK	0.02, 0.16, 0.00, 0.35
HSL	291°, 13%, 60%
HSV	291°, 16%, 65%
XYZ	31.6021, 29.6263, 40.6152
YIQ	150.5420, 4.7660, 12.7500

Conversions

Conversions Part 2

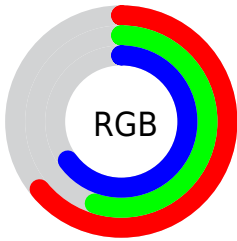
Format	Color
RYB	163, 141, 167
Decimal	10718631
CIELab	61.33, 13.07, -10.64
CIElCh	61, 16.852, 320.840
Yxy	29.6263, 0.3103, 0.2909
Android (android.graphics.Color)	4288908711 (0xFFA38DA7)
YUV	150.5420, 8.1138, 10.9257
Hunter-Lab	54.4300, 8.3845, -6.1406

Details

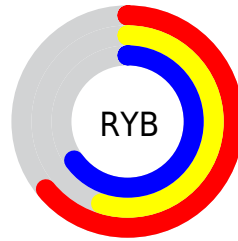
The Yxy color **29.6263, 0.3103, 0.2909** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.5862, 0.3145, 0.3693**, and the grayscale version is **30.7050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.2096, 0.3110, 0.2989**, and **12.0995, 0.3090, 0.2792** is the 20% darker color. If you saturate the color by 10%, you get **24.7978, 0.3082, 0.2654**, and if you desaturate by 10%, it is **35.2056, 0.3120, 0.3157**.

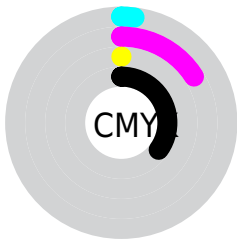
Distribution



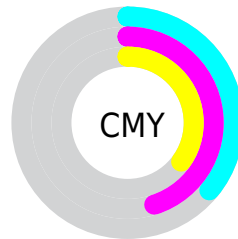
- Red (64%)
- Green (55%)
- Blue (65%)



- Red (64%)
- Yellow (55%)
- Blue (65%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (35%)





- Cyan (36%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.6263, 0.3103, 0.2909 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 29.6263, 0.3103, 0.2909 by changing the saturation by 10% instead.


 29.6263, 0.3103,
0.2909


 29.6263, 0.3103,
0.2909


300.1587, 0.3118,
0.3109


 19.5551, 0.3098,
0.2856


 59.0707, 0.3109,
0.2984

 12.0721, 0.3091,
0.2786


 79.2127, 0.3111,
0.3011

 6.7928, 0.3080,
0.2690


 103.4804, 0.3113,
0.3034

 3.3328, 0.3061,
0.2548

132.2582, 0.3114,
0.3053

 1.3079, 0.3024,
0.2321

165.9306, 0.3116,
0.3070

 0.1473, 0.3038,
0.0975

204.8818, 0.3117,

 0.0000, 0.0000,

0.3085

0.0000

249.4964, 0.3117,
0.3097

■ 29.6263, 0.3103,
0.2909

■ 29.6263, 0.3103,
0.2909

■ 24.7978, 0.3082,
0.2654

■ 35.2056, 0.3120,
0.3157

■ 20.6832, 0.3058,
0.2399

■ 41.5629, 0.3132,
0.3393

■ 17.2479, 0.3029,
0.2152

■ 48.7290, 0.3142,
0.3614

■ 14.4533, 0.2996,
0.1924

■ 56.7315, 0.3149,
0.3819

■ 12.2566, 0.2960,
0.1723

■ 65.5969, 0.3154,
0.4006

■ 10.6099, 0.2921,
0.1559

■ 75.3506, 0.3157,
0.4176

■ 9.4578, 0.2881,
0.1437

■ 84.1432, 0.3162,
0.4304

■ 8.7291, 0.2841,
0.1358

■ 84.4587, 0.3177,
0.4299

■ 8.4673, 0.2824,
0.1329

■ 84.7801, 0.3193,
0.4294

Harmonies

Analogous

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



29.6263, 0.2845, 0.2837



29.6263, 0.3103, 0.2909



29.6263, 0.3379, 0.3071

Triad

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



29.6263, 0.3103, 0.2909



29.6263, 0.3601, 0.3699



29.6263, 0.2682, 0.3263

Complementary

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



29.6263, 0.3103, 0.2909



35.5862, 0.3145, 0.3693

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.



29.6263, 0.2871, 0.3522



29.6263, 0.3103, 0.2909



29.6263, 0.3401, 0.3778

Square

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



29.6263, 0.3103, 0.2909



29.6263, 0.3673, 0.3517



29.6263, 0.3132, 0.3716



29.6263, 0.2610, 0.3027

Rectangle

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



29.6263, 0.3103, 0.2909



29.6263, 0.3532, 0.3213



29.6263, 0.3132, 0.3716



29.6263, 0.2734, 0.3351

Sweetspot

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



29.6276, 0.3103, 0.2909



63.5554, 0.3120, 0.3168



28.8093, 0.2883, 0.2952



14.0607, 0.3119, 0.3152



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.



29.6276, 0.3103, 0.2909



49.6351, 0.3096, 0.2813



29.7491, 0.3231, 0.3036



7.6070, 0.3114, 0.3066



6.4958, 0.2827, 0.1331



0.1734, 0.2962, 0.1405

Inverse Universe

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



29.3141, 0.3370, 0.3231



48.9697, 0.3442, 0.3215



35.4952, 0.3036, 0.3558



7.5605, 0.3262, 0.3255



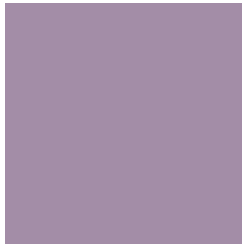
6.3480, 0.6151, 0.3162



0.1599, 0.5425, 0.2762

Previews

White Background



This preview shows how the Yxy color 29.6263, 0.3103, 0.2909 looks on a white background.

Color Contrast Check

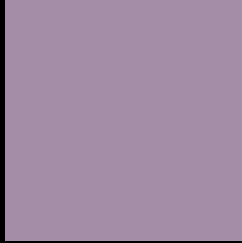
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6263, 0.3103, 0.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

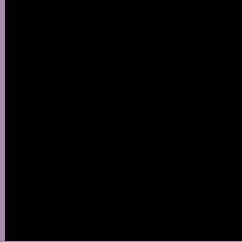
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.6263, 0.3103, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 29.6263, 0.3103, 0.2909.



This preview shows how white text looks on a background with the Yxy color 29.6263, 0.3103, 0.2909.

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

29.6263, 0.3103, 0.2909

Protanopia

29.7370, 0.2878, 0.2923

Deuteranopia

29.5697, 0.3020, 0.2959



Tritanopia

29.5551, 0.3209, 0.3125

Trichromacy



Original Color

29.6263, 0.3103, 0.2909

Protanomaly

29.7324, 0.2954, 0.2913

Deuteranomaly

29.5662, 0.3050, 0.2946

Tritanomaly

29.5306, 0.3171, 0.3037

Monochromacy



Original Color

29.6263, 0.3103, 0.2909

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.2703, 0.3114, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6263, 0.3103, 0.2909 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(163, 141, 167)` looks like.

```
.text, #text, p{  
    color:rgb(163, 141, 167)  
}
```

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(163, 141, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 141, 167) }
```

Border

The CSS property to change the border of an element to Yxy 29.6263, 0.3103, 0.2909 is called "border". The border property can be set on classes, ids or directly on the HTML element.

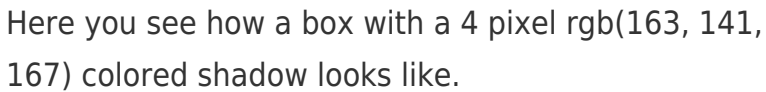
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 141, 167) }
```

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

```
.border{ border-color:rgb(163, 141, 167) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 141, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 141, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 141, 167); box-shadow:4px 4px 4px 4px rgb(163, 141, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6263, 0.3103, 0.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 141, 167) }
```

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

```
.background{ background-color: rgb(163,  
141, 167) }
```

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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