

Converting Colors

$Yxy(26.9627, 0.3165, 0.2728)$

Have a look what the booklet for
Yxy(26.9627, 0.3165, 0.2728)
contains.

Yxy(26.9627, 0.3165, 0.2728)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.9627, 0.3165, 0.2728)

Conversions

Conversions Part 1

Format	Color
Hex	A981A8
RGB	169, 129, 168
RGB Percent	66%, 51%, 66%
CMY	0.3372, 0.4941, 0.3412
CMYK	0.00, 0.24, 0.01, 0.34
HSL	302°, 19%, 58%
HSV	302°, 24%, 66%
XYZ	31.2819, 26.9627, 40.5923
YIQ	145.4060, 11.3210, 20.6090

Conversions

Conversions Part 2

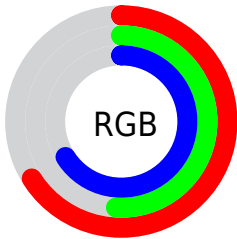
Format	Color
R _{YB}	169, 129, 168
Decimal	11108776
CIE _{Lab}	58.94, 22.20, -14.74
CIE _{LCh}	59, 26.644, 326.420
Yxy	26.9627, 0.3165, 0.2728
Android (android.graphics.Color)	4289298856 (0xFFA981A8)
YUV	145.4060, 11.1388, 20.6919
Hunter-Lab	51.9256, 16.6650, -10.0014

Details

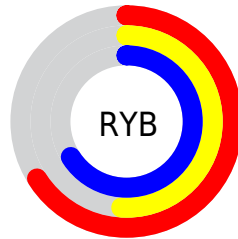
The Yxy color **26.9627, 0.3165, 0.2728** is a light color, and the websafe version is hex **996699**. A complement of this color would be **34.6629, 0.3088, 0.3925**, and the grayscale version is **28.4403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7912, 0.3165, 0.2838**, and **10.5659, 0.3162, 0.2541** is the 20% darker color. If you saturate the color by 10%, you get **22.8571, 0.3182, 0.2491**, and if you desaturate by 10%, it is **31.8072, 0.3148, 0.2968**.

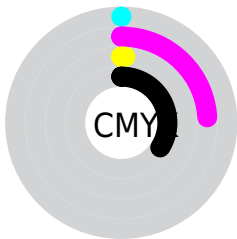
Distribution



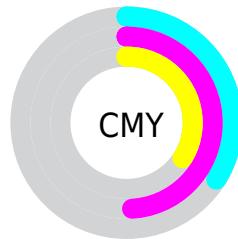
- Red (66%)
- Green (51%)
- Blue (66%)



- Red (66%)
- Yellow (51%)
- Blue (66%)



- Cyan (0%)
- Magenta (24%)
- Yellow (1%)
- Black (34%)





- Cyan (34%)
- Magenta (49%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9627, 0.3165, 0.2728 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 26.9627, 0.3165, 0.2728 by changing the saturation by 10% instead.


 26.9627, 0.3165,
0.2728

 26.9627, 0.3165,
0.2728


287.4765, 0.3150,
0.3022


 17.5452, 0.3167,
0.2651


 54.8240, 0.3160,
0.2838

 10.6240, 0.3169,
0.2549


 74.0366, 0.3158,
0.2878

 5.8146, 0.3170,
0.2409


 97.2831, 0.3157,
0.2912

 2.7327, 0.3166,
0.2205

124.9477, 0.3155,
0.2940

 0.9938, 0.3146,
0.1885

157.4150, 0.3153,
0.2965

 0.0000, 0.3229,
0.0000

195.0693, 0.3152,

 0.0000, 0.0000,

0.2986

0.0000

238.2950, 0.3151,
0.3005

■ 26.9627, 0.3165,
0.2728

■ 26.9627, 0.3165,
0.2728

■ 22.8571, 0.3182,
0.2491

■ 31.8072, 0.3148,
0.2968

■ 19.4507, 0.3199,
0.2266

■ 37.4208, 0.3133,
0.3205

■ 16.7054, 0.3216,
0.2062

■ 43.8363, 0.3118,
0.3433

■ 14.5782, 0.3232,
0.1888

■ 51.0835, 0.3105,
0.3648

■ 13.0207, 0.3246,
0.1750

■ 59.1908, 0.3093,
0.3849

■ 11.9778, 0.3259,
0.1654

■ 68.1850, 0.3082,
0.4034

■ 11.3829, 0.3269,
0.1599

■ 78.0921, 0.3072,
0.4203

■ 11.1407, 0.3274,
0.1577

■ 82.9160, 0.3067,
0.4272

■ 82.9328, 0.3065,
0.4267

Harmonies

Analogous

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



26.9627, 0.2737, 0.2584



26.9627, 0.3165, 0.2728



26.9627, 0.3612, 0.2997

Triad

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



26.9627, 0.3165, 0.2728



26.9627, 0.3845, 0.3983



26.9627, 0.2380, 0.3153

Complementary

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



26.9627, 0.3165, 0.2728



34.6629, 0.3088, 0.3925

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.



26.9627, 0.2640, 0.3595



26.9627, 0.3165, 0.2728



26.9627, 0.3482, 0.4099

Square

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



26.9627, 0.3165, 0.2728



26.9627, 0.4017, 0.3697



26.9627, 0.3041, 0.3961



26.9627, 0.2309, 0.2795

Rectangle

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



26.9627, 0.3165, 0.2728



26.9627, 0.3848, 0.3222



26.9627, 0.3041, 0.3961



26.9627, 0.2447, 0.3297

Sweetspot

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



26.9639, 0.3165, 0.2728



63.3775, 0.3138, 0.3124



23.2850, 0.2740, 0.2639



13.6895, 0.3139, 0.3111



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.



26.9639, 0.3165, 0.2728



44.5716, 0.3173, 0.2613



26.2864, 0.3380, 0.3002



7.6632, 0.3141, 0.3073



8.3022, 0.3274, 0.1577



0.2030, 0.3251, 0.1564

Inverse Universe

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



26.9639, 0.3165, 0.2728



44.5716, 0.3173, 0.2613



35.2418, 0.2932, 0.3597



7.6632, 0.3141, 0.3073



8.3022, 0.3274, 0.1577



0.2030, 0.3251, 0.1564

Previews

White Background



This preview shows how the Yxy color 26.9627, 0.3165, 0.2728 looks on a white background.

Color Contrast Check

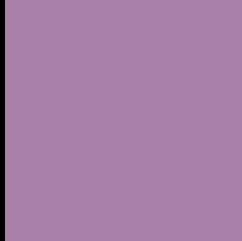
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9627, 0.3165, 0.2728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

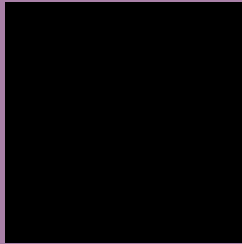
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9627, 0.3165, 0.2728

Background



This preview shows how black text looks on a background with the Yxy color 26.9627, 0.3165, 0.2728.



This preview shows how white text looks on a background with the Yxy color 26.9627, 0.3165, 0.2728.

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

26.9627, 0.3165, 0.2728

Protanopia

27.2527, 0.2737, 0.2743

Deuteranopia

27.1477, 0.2919, 0.2869



Tritanopia

26.8957, 0.3386, 0.3124

Trichromacy



Original Color

26.9627, 0.3165, 0.2728

Protanomaly

27.1115, 0.2884, 0.2741

Deuteranomaly

26.8903, 0.3001, 0.2804

Tritanomaly

27.0179, 0.3300, 0.2978

Monochromacy



Original Color

26.9627, 0.3165, 0.2728

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.6352, 0.3148, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9627, 0.3165, 0.2728 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, 129, 168)` looks like.

```
.text, #text, p{  
    color:rgb(169, 129, 168)  
}
```

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, 129, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 129, 168) }
```

Border

The CSS property to change the border of an element to Yxy 26.9627, 0.3165, 0.2728 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, 129, 168) }
```

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

```
.border{ border-color:rgb(169, 129, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 129, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 129, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 129, 168);  
box-shadow:4px 4px 4px 4px rgb(169, 129,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9627, 0.3165, 0.2728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 129, 168) }
```

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

```
.background{ background-color: rgb(169,  
129, 168) }
```

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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