

Converting Colors

$Y_{xy}(27.1433, 0.3112, 0.2808)$

Have a look what the booklet for
Yxy(27.1433, 0.3112, 0.2808)
contains.

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Color

Yxy(27.1731, 0.3117, 0.2816)

Conversions

Conversions Part 1

Format	Color
Hex	A285A5
RGB	162, 133, 165
RGB Percent	64%, 52%, 65%
CMY	0.3647, 0.4784, 0.3530
CMYK	0.02, 0.19, 0.00, 0.35
HSL	294°, 15%, 58%
HSV	294°, 19%, 65%
XYZ	30.0776, 27.1731, 39.2447
YIQ	145.3190, 7.0120, 16.1000

Conversions

Conversions Part 2

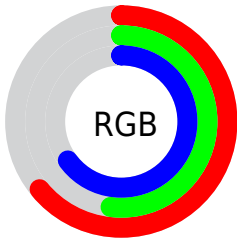
Format	Color
RYB	162, 133, 165
Decimal	10651045
CIELab	59.13, 16.87, -12.79
CIELCh	59, 21.172, 322.833
Yxy	27.1731, 0.3117, 0.2816
Android (android.graphics.Color)	4288841125 (0xFFA285A5)
YUV	145.3190, 9.7027, 14.6292
Hunter-Lab	52.1278, 11.7703, -8.1473

Details

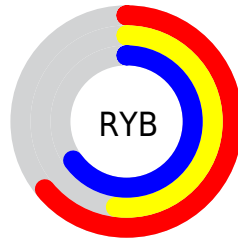
The Yxy color **27.1731, 0.3117, 0.2816** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **33.8275, 0.3130, 0.3804**, and the grayscale version is **28.4098, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0368, 0.3121, 0.2907**, and **10.6938, 0.3109, 0.2658** is the 20% darker color. If you saturate the color by 10%, you get **22.8462, 0.3108, 0.2565**, and if you desaturate by 10%, it is **32.2139, 0.3123, 0.3065**.

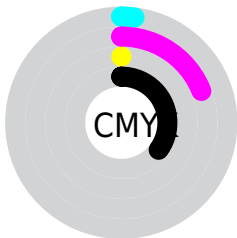
Distribution



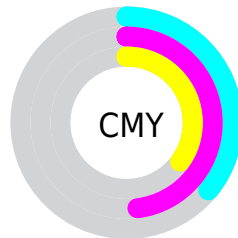
- Red (64%)
- Green (52%)
- Blue (65%)



- Red (64%)
- Yellow (52%)
- Blue (65%)



- Cyan (2%)
- Magenta (19%)
- Yellow (0%)
- Black (35%)





- Cyan (36%)
- Magenta (48%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1731, 0.3117, 0.2816 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 27.1731, 0.3117, 0.2816 by changing the saturation by 10% instead.

 27.1731, 0.3117,
0.2816


 27.1731, 0.3117,
0.2816


288.4943, 0.3126,
0.3066


 17.7033, 0.3113,
0.2749


 55.1615, 0.3121,
0.2910

 10.7372, 0.3107,
0.2661


 74.4489, 0.3123,
0.2944

 5.8904, 0.3097,
0.2539


 97.7776, 0.3124,
0.2973

 2.7785, 0.3078,
0.2359

125.5319, 0.3124,
0.2997

 1.0172, 0.3036,
0.2069

158.0964, 0.3125,
0.3018

 0.0000, 0.2888,
0.0000

195.8553, 0.3125,

 0.0000, 0.0000,

0.3036

0.0000

239.1932, 0.3126,
0.3052

■ 27.1731, 0.3117,
0.2816

■ 27.1731, 0.3117,
0.2816

■ 22.8462, 0.3108,
0.2565

■ 32.2139, 0.3123,
0.3065

■ 19.1965, 0.3097,
0.2319

■ 37.9958, 0.3127,
0.3305

■ 16.1895, 0.3083,
0.2088

■ 44.5491, 0.3130,
0.3532

■ 13.7865, 0.3066,
0.1880

■ 51.9013, 0.3130,
0.3744

■ 11.9441, 0.3047,
0.1705

■ 60.0786, 0.3130,
0.3940

■ 10.6135, 0.3025,
0.1569

■ 69.1058, 0.3129,
0.4120

■ 9.7374, 0.3003,
0.1476

■ 79.0068, 0.3127,
0.4283

■ 9.1962, 0.2980,
0.1418

■ 83.2662, 0.3131,
0.4341

■ 9.1649, 0.2978,
0.1414

■ 83.4438, 0.3140,
0.4338

Harmonies

Analogous

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



27.1731, 0.2782, 0.2715



27.1731, 0.3117, 0.2816



27.1731, 0.3473, 0.3026

Triad

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



27.1731, 0.3117, 0.2816



27.1731, 0.3725, 0.3825



27.1731, 0.2546, 0.3228

Complementary

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



27.1731, 0.3117, 0.2816



33.8275, 0.3130, 0.3804

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.



27.1731, 0.2775, 0.3570



27.1731, 0.3117, 0.2816



27.1731, 0.3455, 0.3926

Square

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



27.1731, 0.3117, 0.2816



27.1731, 0.3835, 0.3592



27.1731, 0.3106, 0.3836



27.1731, 0.2467, 0.2929

Rectangle

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



27.1731, 0.3117, 0.2816



27.1731, 0.3669, 0.3207



27.1731, 0.3106, 0.3836



27.1731, 0.2607, 0.3342

Sweetspot

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



27.1743, 0.3117, 0.2816



60.9478, 0.3125, 0.3144



25.3686, 0.2817, 0.2825



13.1909, 0.3125, 0.3129



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



27.1743, 0.3117, 0.2816



45.3974, 0.3114, 0.2714



27.0468, 0.3284, 0.3003



7.1686, 0.3123, 0.3067



6.9471, 0.2981, 0.1416



0.1550, 0.3069, 0.1464

Inverse Universe

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



26.5507, 0.3464, 0.3245



44.0967, 0.3554, 0.3236



33.9573, 0.2997, 0.3596



7.0962, 0.3271, 0.3269



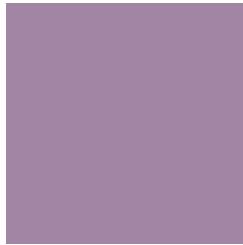
6.0820, 0.6269, 0.3227



0.1308, 0.5735, 0.2933

Previews

White Background



This preview shows how the Yxy color 27.1731, 0.3117, 0.2816 looks on a white background.

Color Contrast Check

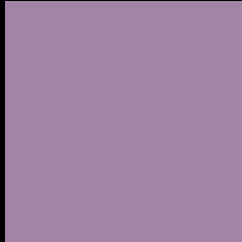
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1731, 0.3117, 0.2816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

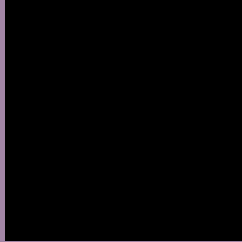
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1731, 0.3117, 0.2816

Background



This preview shows how black text looks on a background with the Yxy color 27.1731, 0.3117, 0.2816.



This preview shows how white text looks on a background with the Yxy color 27.1731, 0.3117, 0.2816.

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

27.1731, 0.3117, 0.2816

Protanopia

27.1863, 0.2806, 0.2833

Deuteranopia

27.2566, 0.2957, 0.2901



Tritanopia

27.0858, 0.3269, 0.3121

Trichromacy



Original Color

27.1731, 0.3117, 0.2816

Protanomaly

27.0239, 0.2910, 0.2825

Deuteranomaly

27.2471, 0.3019, 0.2877

Tritanomaly

27.1346, 0.3207, 0.3001

Monochromacy



Original Color

27.1731, 0.3117, 0.2816

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.8961, 0.3125, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1731, 0.3117, 0.2816 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(162, 133, 165)` looks like.

```
.text, #text, p{  
    color:rgb(162, 133, 165)  
}
```

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(162, 133, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 133, 165) }
```

Border

The CSS property to change the border of an element to Yxy 27.1731, 0.3117, 0.2816 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(162, 133, 165) }
```

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

```
.border{ border-color:rgb(162, 133, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 133, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 133, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 133, 165);  
box-shadow:4px 4px 4px 4px rgb(162, 133,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1731, 0.3117, 0.2816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 133, 165) }
```

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

```
.background{ background-color: rgb(162,  
133, 165) }
```

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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