

Converting Colors

$Y_{xy}(27.0022, 0.3094, 0.2793)$

Have a look what the booklet for
Yxy(27.0022, 0.3094, 0.2793)
contains.

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Color

Yxy(27.1053, 0.3096, 0.2800)

Conversions

Conversions Part 1

Format	Color
Hex	A185A6
RGB	161, 133, 166
RGB Percent	63%, 52%, 65%
CMY	0.3686, 0.4784, 0.3490
CMYK	0.03, 0.20, 0.00, 0.35
HSL	291°, 16%, 59%
HSV	291°, 20%, 65%
XYZ	29.9707, 27.1053, 39.7286
YIQ	145.1340, 6.0950, 16.1990

Conversions

Conversions Part 2

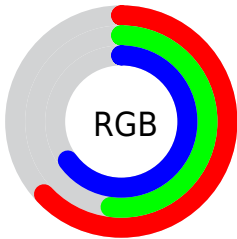
Format	Color
R_{YB}	161, 133, 166
Decimal	10585510
CIE _{Lab}	59.07, 16.74, -13.48
CIE _{LCh}	59, 21.491, 321.150
Yxy	27.1053, 0.3096, 0.2800
Android (android.graphics.Color)	4288775590 (0xFFA185A6)
YUV	145.1340, 10.2869, 13.9145
Hunter-Lab	52.0628, 11.6464, -8.7998

Details

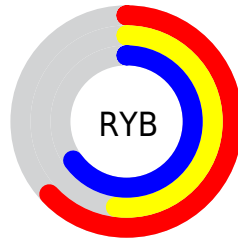
The Yxy color **27.1053, 0.3096, 0.2800** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **34.3679, 0.3148, 0.3817**, and the grayscale version is **28.3293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.9372, 0.3105, 0.2895**, and **10.6526, 0.3078, 0.2636** is the 20% darker color. If you saturate the color by 10%, you get **22.6568, 0.3075, 0.2545**, and if you desaturate by 10%, it is **32.2797, 0.3113, 0.3051**.

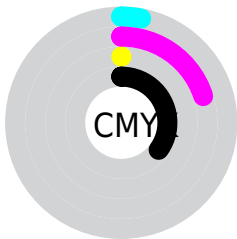
Distribution



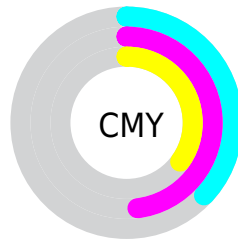
- Red (63%)
- Green (52%)
- Blue (65%)



- Red (63%)
- Yellow (52%)
- Blue (65%)



- Cyan (3%)
- Magenta (20%)
- Yellow (0%)
- Black (35%)





- Cyan (37%)
- Magenta (48%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1053, 0.3096, 0.2800 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 27.1053, 0.3096, 0.2800 by changing the saturation by 10% instead.

 27.1053, 0.3096,
0.2800


 27.1053, 0.3096,
0.2800


288.1666, 0.3116,
0.3058


 17.6523, 0.3089,
0.2731


 55.0528, 0.3105,
0.2897

 10.7007, 0.3079,
0.2640


 74.3161, 0.3108,
0.2932

 5.8659, 0.3062,
0.2514


 97.6183, 0.3110,
0.2962

 2.7637, 0.3033,
0.2329

125.3438, 0.3112,
0.2987

 1.0097, 0.2974,
0.2032

157.8770, 0.3113,
0.3009

 0.0000, 0.2724,
0.0000

195.6022, 0.3115,

 0.0000, 0.0000,

0.3027

0.0000

238.9040, 0.3116,
0.3044

■ 27.1053, 0.3096,
0.2800

■ 27.1053, 0.3096,
0.2800

■ 22.6568, 0.3075,
0.2545

■ 32.2797, 0.3113,
0.3051

■ 18.8970, 0.3049,
0.2293

■ 38.2080, 0.3127,
0.3293

■ 15.7906, 0.3019,
0.2053

■ 44.9209, 0.3138,
0.3521

■ 13.2980, 0.2986,
0.1836

■ 52.4465, 0.3146,
0.3732

■ 11.3751, 0.2950,
0.1651

■ 60.8113, 0.3151,
0.3927

■ 9.9718, 0.2912,
0.1505

■ 70.0408, 0.3155,
0.4105

■ 9.0293, 0.2873,
0.1403

■ 80.1593, 0.3157,
0.4266

■ 8.4168, 0.2834,
0.1335

■ 84.1057, 0.3167,
0.4316

■ 8.4099, 0.2833,
0.1334

■ 84.4117, 0.3182,
0.4311

Harmonies

Analogous

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



27.1053, 0.2760, 0.2705



27.1053, 0.3096, 0.2800



27.1053, 0.3460, 0.3008

Triad

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



27.1053, 0.3096, 0.2800



27.1053, 0.3746, 0.3823



27.1053, 0.2546, 0.3246

Complementary

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



27.1053, 0.3096, 0.2800



34.3679, 0.3148, 0.3817

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.



27.1053, 0.2786, 0.3593



27.1053, 0.3096, 0.2800



27.1053, 0.3478, 0.3935

Square

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



27.1053, 0.3096, 0.2800



27.1053, 0.3846, 0.3580



27.1053, 0.3125, 0.3856



27.1053, 0.2457, 0.2937

Rectangle

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



27.1053, 0.3096, 0.2800



27.1053, 0.3663, 0.3189



27.1053, 0.3125, 0.3856



27.1053, 0.2611, 0.3363

Sweetspot

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



27.1065, 0.3096, 0.2800



62.4760, 0.3119, 0.3144



26.0599, 0.2810, 0.2847



13.8349, 0.3118, 0.3129



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.



27.1065, 0.3096, 0.2800



45.3495, 0.3087, 0.2684



27.2481, 0.3265, 0.2963



7.6084, 0.3114, 0.3066



6.5375, 0.2837, 0.1336



0.1741, 0.2968, 0.1409

Inverse Universe

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



26.7160, 0.3454, 0.3215



44.5275, 0.3550, 0.3197



34.2727, 0.3011, 0.3641



7.5601, 0.3263, 0.3256



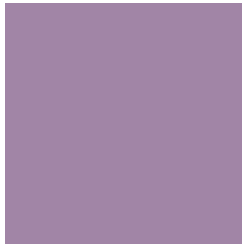
6.3458, 0.6159, 0.3167



0.1597, 0.5444, 0.2772

Previews

White Background



This preview shows how the Yxy color 27.1053, 0.3096, 0.2800 looks on a white background.

Color Contrast Check

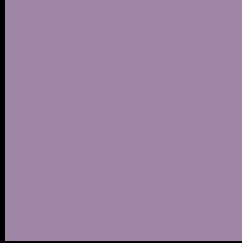
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1053, 0.3096, 0.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

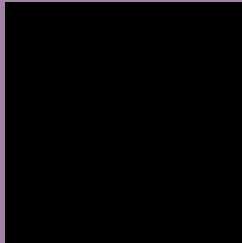
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1053, 0.3096, 0.2800

Background



This preview shows how black text looks on a background with the Yxy color 27.1053, 0.3096, 0.2800.



This preview shows how white text looks on a background with the Yxy color 27.1053, 0.3096, 0.2800.

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

27.1053, 0.3096, 0.2800

Protanopia

27.2243, 0.2798, 0.2818

Deuteranopia

27.2016, 0.2938, 0.2885



Tritanopia

26.9840, 0.3257, 0.3120

Trichromacy



Original Color

27.1053, 0.3096, 0.2800

Protanomaly

27.0613, 0.2901, 0.2811

Deuteranomaly

27.1872, 0.2999, 0.2861

Tritanomaly

27.0320, 0.3196, 0.3000

Monochromacy



Original Color

27.1053, 0.3096, 0.2800

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.9290, 0.3115, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1053, 0.3096, 0.2800 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(161, 133, 166)` looks like.

```
.text, #text, p{  
    color:rgb(161, 133, 166)  
}
```

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(161, 133, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 133, 166) }
```

Border

The CSS property to change the border of an element to Yxy 27.1053, 0.3096, 0.2800 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(161, 133, 166) }
```

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

```
.border{ border-color:rgb(161, 133, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 133, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 133, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 133, 166);  
box-shadow:4px 4px 4px 4px rgb(161, 133,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1053, 0.3096, 0.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 133, 166) }
```

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

```
.background{ background-color: rgb(161,  
133, 166) }
```

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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