

Converting Colors

$Y_{xy}(27.0822, 0.2997, 0.2819)$

Have a look what the booklet for
Yxy(27.0822, 0.2997, 0.2819)
contains.

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Color

Yxy(27.1706, 0.3001, 0.2820)

Conversions

Conversions Part 1

Format	Color
Hex	9988A7
RGB	153, 136, 167
RGB Percent	60%, 53%, 65%
CMY	0.4000, 0.4666, 0.3452
CMYK	0.08, 0.19, 0.00, 0.35
HSL	273°, 15%, 59%
HSV	273°, 19%, 65%
XYZ	28.9145, 27.1706, 40.2645
YIQ	144.6170, 0.1810, 13.2450

Conversions

Conversions Part 2

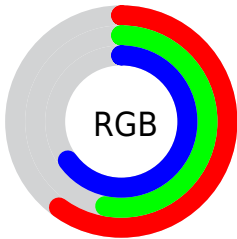
Format	Color
R_{YB}	153, 136, 167
Decimal	10061991
CIE _{Lab}	59.13, 12.43, -14.02
CIE _{LCh}	59, 18.736, 311.570
Yxy	27.1706, 0.3001, 0.2820
Android (android.graphics.Color)	4288252071 (0xFF9988A7)
YUV	144.6170, 11.0348, 7.3519
Hunter-Lab	52.1254, 7.7964, -9.3110

Details

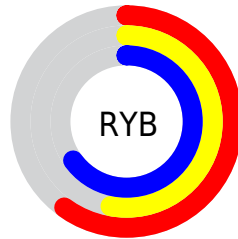
The Yxy color $27.1706, 0.3001, 0.2820$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $35.8850, 0.3235, 0.3765$, and the grayscale version is $28.1068, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.9345, 0.3026, 0.2910$, and $10.7182, 0.2955, 0.2661$ is the 20% darker color. If you saturate the color by 10%, you get $22.1194, 0.2917, 0.2544$, and if you desaturate by 10%, it is $33.0030, 0.3074, 0.3081$.

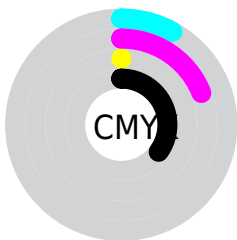
Distribution



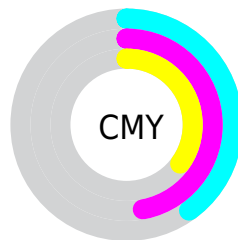
- Red (60%)
- Green (53%)
- Blue (65%)



- Red (60%)
- Yellow (53%)
- Blue (65%)



- Cyan (8%)
- Magenta (19%)
- Yellow (0%)
- Black (35%)





- Cyan (40%)
- Magenta (47%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1706, 0.3001, 0.2820 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 27.1706, 0.3001, 0.2820 by changing the saturation by 10% instead.

 27.1706, 0.3001,
0.2820


 27.1706, 0.3001,
0.2820


288.4822, 0.3072,
0.3069


 17.7014, 0.2980,
0.2753


 55.1575, 0.3029,
0.2914

 10.7358, 0.2951,
0.2665


 74.4440, 0.3039,
0.2948

 5.8895, 0.2909,
0.2542


 97.7717, 0.3047,
0.2976

 2.7780, 0.2842,
0.2360

125.5250, 0.3054,
0.3000

 1.0170, 0.2720,
0.2066

158.0883, 0.3059,
0.3021

 0.0000, 0.1951,
0.0000

195.8460, 0.3064,

 0.0000, 0.0000,

0.3039

0.0000

239.1825, 0.3068,
0.3055

■ 27.1706, 0.3001,
0.2820

■ 27.1706, 0.3001,
0.2820

■ 22.1194, 0.2917,
0.2544

■ 33.0030, 0.3074,
0.3081

■ 17.8112, 0.2822,
0.2258

■ 39.6457, 0.3136,
0.3324

■ 14.2099, 0.2716,
0.1973

■ 47.1302, 0.3188,
0.3546

■ 11.2749, 0.2602,
0.1699

■ 55.4856, 0.3231,
0.3748

■ 8.9610, 0.2484,
0.1451

■ 64.7395, 0.3267,
0.3929

■ 7.2176, 0.2365,
0.1240

■ 74.9181, 0.3296,
0.4092

■ 5.9856, 0.2251,
0.1078

■ 86.0468, 0.3321,
0.4237

■ 5.1570, 0.2144,
0.0962

■ 88.4909, 0.3366,
0.4241

■ 5.0477, 0.2129,
0.0947

■ 89.6448, 0.3416,
0.4225

Harmonies

Analogous

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



27.1706, 0.2730, 0.2774



27.1706, 0.3001, 0.2820



27.1706, 0.3320, 0.2975

Triad

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



27.1706, 0.3001, 0.2820



27.1706, 0.3713, 0.3700



27.1706, 0.2674, 0.3351

Complementary

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



27.1706, 0.3001, 0.2820



35.8850, 0.3235, 0.3765

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.



27.1706, 0.2919, 0.3638



27.1706, 0.3001, 0.2820



27.1706, 0.3521, 0.3837

Square

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



27.1706, 0.3001, 0.2820



27.1706, 0.3743, 0.3468



27.1706, 0.3229, 0.3821



27.1706, 0.2549, 0.3062

Rectangle

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



27.1706, 0.3001, 0.2820



27.1706, 0.3515, 0.3124



27.1706, 0.3229, 0.3821



27.1706, 0.2744, 0.3452

Sweetspot

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



27.1718, 0.3001, 0.2820



61.8934, 0.3090, 0.3142



29.9819, 0.2841, 0.3030



13.6917, 0.3086, 0.3127



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.



27.1718, 0.3001, 0.2820



45.0320, 0.2970, 0.2715



28.5729, 0.3159, 0.2855



7.4959, 0.3069, 0.3063



3.8935, 0.2139, 0.0952



0.1245, 0.2493, 0.1147

Inverse Universe

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



28.0230, 0.3326, 0.3082



46.8561, 0.3377, 0.3037



34.6682, 0.3095, 0.3767



7.5964, 0.3218, 0.3189



6.6881, 0.5127, 0.2598



0.1731, 0.4341, 0.2165

Previews

White Background



This preview shows how the Yxy color 27.1706, 0.3001, 0.2820 looks on a white background.

Color Contrast Check

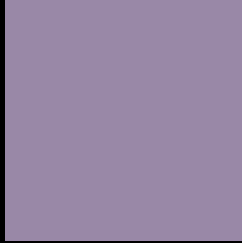
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1706, 0.3001, 0.2820 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 27.1706, 0.3001, 0.2820

Background



This preview shows how black text looks on a background with the Yxy color 27.1706, 0.3001, 0.2820.



This preview shows how white text looks on a background with the Yxy color 27.1706, 0.3001, 0.2820.

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

27.1706, 0.3001, 0.2820

Protanopia

27.1863, 0.2806, 0.2833

Deuteranopia

27.2382, 0.2929, 0.2870



Tritanopia

27.1513, 0.3135, 0.3116

Trichromacy



Original Color

27.1706, 0.3001, 0.2820

Protanomaly

27.0806, 0.2871, 0.2823

Deuteranomaly

27.2260, 0.2959, 0.2858

Tritanomaly

27.1566, 0.3087, 0.3010

Monochromacy



Original Color

27.1706, 0.3001, 0.2820

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.9418, 0.3083, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1706, 0.3001, 0.2820 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(153, 136, 167)` looks like.

```
.text, #text, p{  
    color:rgb(153, 136, 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(153, 136, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 136, 167) }
```

Border

The CSS property to change the border of an element to Yxy 27.1706, 0.3001, 0.2820 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(153, 136, 167) }
```

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

```
.border{ border-color:rgb(153, 136, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 136, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 136, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 136, 167);  
box-shadow:4px 4px 4px 4px rgb(153, 136,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1706, 0.3001, 0.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 136, 167) }
```

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

```
.background{ background-color: rgb(153,  
136, 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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