

Converting Colors

$Y_{xy}(25.3787, 0.3111, 0.2867)$

Have a look what the booklet for
Yxy(25.3787, 0.3111, 0.2867)
contains.

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Color

Yxy(25.3039, 0.3103, 0.2857)

Conversions

Conversions Part 1

Format	Color
Hex	9A829E
RGB	154, 130, 158
RGB Percent	60%, 51%, 62%
CMY	0.3960, 0.4902, 0.3804
CMYK	0.03, 0.18, 0.00, 0.38
HSL	291°, 13%, 56%
HSV	291°, 18%, 62%
XYZ	27.4827, 25.3039, 35.7815
YIQ	140.3680, 5.3160, 13.7960

Conversions

Conversions Part 2

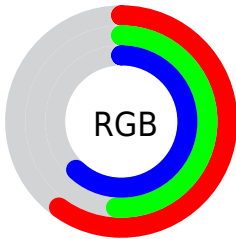
Format	Color
R_{YB}	154, 130, 158
Decimal	10125982
CIE _{Lab}	57.37, 14.38, -11.52
CIE _{LCh}	57, 18.422, 321.312
Yxy	25.3039, 0.3103, 0.2857
Android (android.graphics.Color)	4288316062 (0xFF9A829E)
YUV	140.3680, 8.6926, 11.9553
Hunter-Lab	50.3030, 9.4920, -6.9621

Details

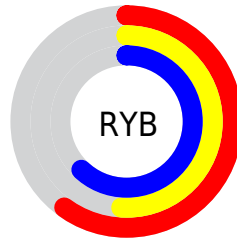
The Yxy color $25.3039, 0.3103, 0.2857$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $31.1306, 0.3144, 0.3752$, and the grayscale version is $26.3412, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.2264, 0.3111, 0.2941$, and $9.8300, 0.3088, 0.2713$ is the 20% darker color. If you saturate the color by 10%, you get $21.2014, 0.3084, 0.2604$, and if you desaturate by 10%, it is $30.0581, 0.3118, 0.3105$.

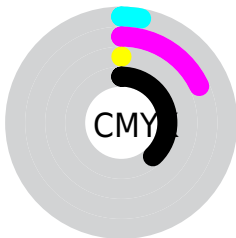
Distribution



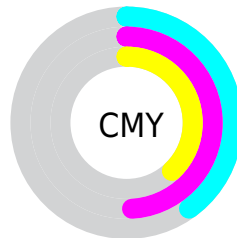
- Red (60%)
- Green (51%)
- Blue (62%)



- Red (60%)
- Yellow (51%)
- Blue (62%)



- Cyan (3%)
- Magenta (18%)
- Yellow (0%)
- Black (38%)





- Cyan (40%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3039, 0.3103, 0.2857 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 25.3039, 0.3103, 0.2857 by changing the saturation by 10% instead.


 25.3039, 0.3103,
0.2857


 25.3039, 0.3103,
0.2857


279.3480, 0.3119,
0.3089


 16.3036, 0.3097,
0.2794


 52.1498, 0.3110,
0.2945

 9.7393, 0.3089,
0.2709


 70.7642, 0.3112,
0.2977

 5.2264, 0.3075,
0.2590


 93.3521, 0.3114,
0.3003

 2.3807, 0.3050,
0.2411

120.2979, 0.3115,
0.3026

 0.8159, 0.2998,
0.2109

151.9860, 0.3117,
0.3045

 0.0000, 0.1322,
0.0000

188.8008, 0.3118,

 0.0000, 0.0000,

0.3061

0.0000

231.1267, 0.3118,
0.3076

■ 25.3039, 0.3103,
0.2857

■ 25.3039, 0.3103,
0.2857

■ 21.2014, 0.3084,
0.2604

■ 30.0581, 0.3118,
0.3105

■ 17.7179, 0.3062,
0.2352

■ 35.4883, 0.3130,
0.3343

■ 14.8230, 0.3036,
0.2111

■ 41.6213, 0.3138,
0.3567

■ 12.4821, 0.3006,
0.1890

■ 48.4818, 0.3144,
0.3774

■ 10.6572, 0.2973,
0.1699

■ 56.0931, 0.3149,
0.3965

■ 9.3054, 0.2938,
0.1546

■ 64.4775, 0.3151,
0.4139

■ 8.3769, 0.2902,
0.1435

■ 73.6564, 0.3152,
0.4297

■ 7.7856, 0.2865,
0.1362

■ 82.7569, 0.3153,
0.4428

■ 7.6647, 0.2857,
0.1347

■ 83.0130, 0.3167,
0.4423

Harmonies

Analogous

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



25.3039, 0.2806, 0.2772



25.3039, 0.3103, 0.2857



25.3039, 0.3421, 0.3043

Triad

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



25.3039, 0.3103, 0.2857



25.3039, 0.3670, 0.3761



25.3039, 0.2615, 0.3252

Complementary

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



25.3039, 0.3103, 0.2857



31.1306, 0.3144, 0.3752

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.



25.3039, 0.2827, 0.3554



25.3039, 0.3103, 0.2857



25.3039, 0.3436, 0.3854

Square

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



25.3039, 0.3103, 0.2857



25.3039, 0.3757, 0.3551



25.3039, 0.3126, 0.3782



25.3039, 0.2535, 0.2981

Rectangle

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



25.3039, 0.3103, 0.2857



25.3039, 0.3598, 0.3204



25.3039, 0.3126, 0.3782



25.3039, 0.2672, 0.3354

Sweetspot

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



25.3050, 0.3103, 0.2857



57.0542, 0.3121, 0.3169



24.3191, 0.2848, 0.2894



12.7206, 0.3120, 0.3153



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



25.3050, 0.3103, 0.2857



43.0720, 0.3097, 0.2764



25.3778, 0.3253, 0.3008



6.7068, 0.3116, 0.3068



6.1518, 0.2860, 0.1349



0.1219, 0.3010, 0.1432

Inverse Universe

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



24.9541, 0.3413, 0.3228



42.3344, 0.3487, 0.3214



31.0857, 0.3020, 0.3590



6.6607, 0.3263, 0.3258



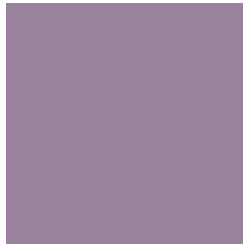
5.8734, 0.6173, 0.3174



0.1089, 0.5415, 0.2757

Previews

White Background



This preview shows how the Yxy color 25.3039, 0.3103, 0.2857 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 25.3039, 0.3103, 0.2857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

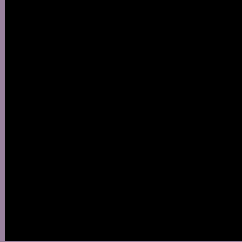
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3039, 0.3103, 0.2857

Background



This preview shows how black text looks on a background with the Yxy color 25.3039, 0.3103, 0.2857.



This preview shows how white text looks on a background with the Yxy color 25.3039, 0.3103, 0.2857.

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

25.3039, 0.3103, 0.2857

Protanopia

25.4865, 0.2844, 0.2883

Deuteranopia

25.2353, 0.2982, 0.2920



Tritanopia

25.4336, 0.3237, 0.3131

Trichromacy



Original Color

25.3039, 0.3103, 0.2857

Protanomaly

25.2861, 0.2933, 0.2858

Deuteranomaly

25.3204, 0.3025, 0.2909

Tritanomaly

25.4130, 0.3196, 0.3038

Monochromacy



Original Color

25.3039, 0.3103, 0.2857

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.7346, 0.3114, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3039, 0.3103, 0.2857 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(154, 130, 158)` looks like.

```
.text, #text, p{  
    color:rgb(154, 130, 158)  
}
```

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(154, 130, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 130, 158) }
```

Border

The CSS property to change the border of an element to Yxy 25.3039, 0.3103, 0.2857 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(154, 130, 158) }
```

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

```
.border{ border-color:rgb(154, 130, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 130, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 130, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 130, 158);  
box-shadow:4px 4px 4px 4px rgb(154, 130,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3039, 0.3103, 0.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 130, 158) }
```

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

```
.background{ background-color: rgb(154,  
130, 158) }
```

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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