

Converting Colors

$Y_{xy}(25.8697, 0.3087, 0.2916)$

Have a look what the booklet for
Yxy(25.8697, 0.3087, 0.2916)
contains.

Yxy(25.8848, 0.3090, 0.2916)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.8848, 0.3090, 0.2916)

Conversions

Conversions Part 1

Format	Color
Hex	98859D
RGB	152, 133, 157
RGB Percent	60%, 52%, 62%
CMY	0.4037, 0.4785, 0.3843
CMYK	0.03, 0.15, 0.00, 0.38
HSL	288°, 11%, 57%
HSV	288°, 15%, 62%
XYZ	27.4294, 25.8848, 35.4540
YIQ	141.4170, 3.6200, 11.4920

Conversions

Conversions Part 2

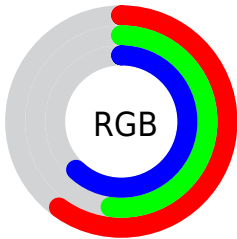
Format	Color
R_{YB}	152, 133, 157
Decimal	9995677
CIE _{Lab}	57.93, 11.76, -10.13
CIE _{LCh}	58, 15.526, 319.261
Yxy	25.8848, 0.3090, 0.2916
Android (android.graphics.Color)	4288185757 (0xFF98859D)
YUV	141.4170, 7.6824, 9.2813
Hunter-Lab	50.8771, 7.1997, -5.7026

Details

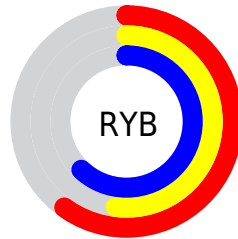
The Yxy color $25.8848, 0.3090, 0.2916$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.2103, 0.3157, 0.3682$, and the grayscale version is $26.7790, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.9931, 0.3093, 0.2985$, and $9.9938, 0.3070, 0.2773$ is the 20% darker color. If you saturate the color by 10%, you get $21.5947, 0.3059, 0.2660$, and if you desaturate by 10%, it is $30.8283, 0.3116, 0.3164$.

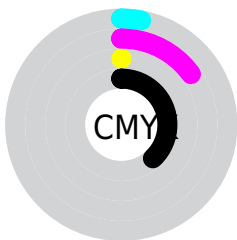
Distribution



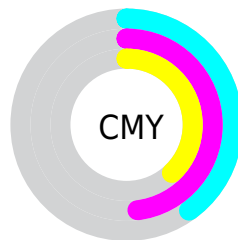
- Red (60%)
- Green (52%)
- Blue (62%)



- Red (60%)
- Yellow (52%)
- Blue (62%)



- Cyan (3%)
- Magenta (15%)
- Yellow (0%)
- Black (38%)





- Cyan (40%)
- Magenta (48%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8848, 0.3090, 0.2916 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 25.8848, 0.3090, 0.2916 by changing the saturation by 10% instead.

 25.8848, 0.3090,
0.2916


 25.8848, 0.3090,
0.2916


282.2161, 0.3112,
0.3116

 16.7375, 0.3083,
0.2861


 53.0890, 0.3099,
0.2992

 10.0475, 0.3073,
0.2788


 71.9148, 0.3102,
0.3020

 5.4305, 0.3057,
0.2684


 94.7354, 0.3105,
0.3043

 2.5020, 0.3029,
0.2527

121.9353, 0.3107,
0.3062

 0.8776, 0.2974,
0.2263

153.8990, 0.3109,
0.3079

 0.0000, 0.1310,
0.0000

191.0107, 0.3110,

 0.0000, 0.0000,

0.3093

0.0000

233.6550, 0.3111,
0.3105

■ 25.8848, 0.3090,
0.2916

■ 25.8848, 0.3090,
0.2916

■ 21.5947, 0.3059,
0.2660

■ 30.8283, 0.3116,
0.3164

■ 17.9263, 0.3023,
0.2401

■ 36.4486, 0.3136,
0.3398

■ 14.8500, 0.2981,
0.2148

■ 42.7721, 0.3153,
0.3617

■ 12.3325, 0.2935,
0.1910

■ 49.8226, 0.3166,
0.3819

■ 10.3373, 0.2884,
0.1698

■ 57.6229, 0.3175,
0.4003

■ 8.8235, 0.2831,
0.1522

■ 66.1949, 0.3183,
0.4170

■ 7.7438, 0.2776,
0.1387

■ 75.5594, 0.3188,
0.4322

■ 7.0371, 0.2722,
0.1296

■ 83.4205, 0.3195,
0.4426

■ 6.7619, 0.2697,
0.1259

■ 83.8090, 0.3215,
0.4419

Harmonies

Analogous

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



25.8848, 0.2844, 0.2852



25.8848, 0.3090, 0.2916



25.8848, 0.3356, 0.3069

Triad

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



25.8848, 0.3090, 0.2916



25.8848, 0.3591, 0.3677



25.8848, 0.2705, 0.3278

Complementary

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



25.8848, 0.3090, 0.2916



31.2103, 0.3157, 0.3682

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.



25.8848, 0.2892, 0.3525



25.8848, 0.3090, 0.2916



25.8848, 0.3403, 0.3759

Square

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



25.8848, 0.3090, 0.2916



25.8848, 0.3653, 0.3498



25.8848, 0.3147, 0.3706



25.8848, 0.2629, 0.3047

Rectangle

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



25.8848, 0.3090, 0.2916



25.8848, 0.3507, 0.3205



25.8848, 0.3147, 0.3706



25.8848, 0.2757, 0.3363

Sweetspot

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



25.8859, 0.3090, 0.2916



55.3957, 0.3116, 0.3169



25.6522, 0.2890, 0.2980



12.0546, 0.3115, 0.3153



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



25.8859, 0.3090, 0.2916



43.8907, 0.3081, 0.2839



26.1492, 0.3216, 0.3024



6.6853, 0.3106, 0.3067



5.5069, 0.2701, 0.1262



0.1145, 0.2918, 0.1381

Inverse Universe

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



25.7742, 0.3350, 0.3212



43.6675, 0.3403, 0.3196



30.9909, 0.3048, 0.3572



6.6675, 0.3253, 0.3244



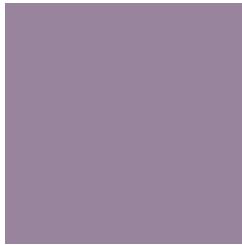
5.9131, 0.6012, 0.3085



0.1110, 0.5088, 0.2576

Previews

White Background



This preview shows how the Yxy color 25.8848, 0.3090, 0.2916 looks on a white background.

Color Contrast Check

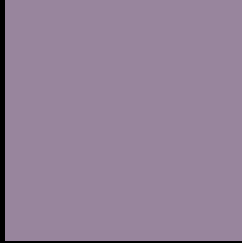
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8848, 0.3090, 0.2916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

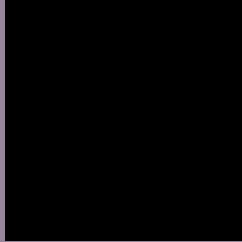
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8848, 0.3090, 0.2916

Background



This preview shows how black text looks on a background with the Yxy color 25.8848, 0.3090, 0.2916.



This preview shows how white text looks on a background with the Yxy color 25.8848, 0.3090, 0.2916.

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

25.8848, 0.3090, 0.2916

Protanopia

25.8659, 0.2883, 0.2933

Deuteranopia

26.0284, 0.3023, 0.2972



Tritanopia

25.8873, 0.3180, 0.3115

Trichromacy



Original Color

25.8848, 0.3090, 0.2916

Protanomaly

25.7742, 0.2952, 0.2921

Deuteranomaly

26.0241, 0.3056, 0.2959

Tritanomaly

25.8315, 0.3150, 0.3037

Monochromacy



Original Color

25.8848, 0.3090, 0.2916

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.3033, 0.3112, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8848, 0.3090, 0.2916 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(152, 133, 157)` looks like.

```
.text, #text, p{  
    color:rgb(152, 133, 157)  
}
```

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(152, 133, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 133, 157) }
```

Border

The CSS property to change the border of an element to Yxy 25.8848, 0.3090, 0.2916 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(152, 133, 157) }
```

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

```
.border{ border-color:rgb(152, 133, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 133, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 133, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 133, 157);  
box-shadow:4px 4px 4px 4px rgb(152, 133,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8848, 0.3090, 0.2916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 133, 157) }
```

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

```
.background{ background-color: rgb(152,  
133, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor