

Converting Colors

$Y_{xy}(9.8430, 0.3241, 0.2899)$

Have a look what the booklet for
Yxy(9.8430, 0.3241, 0.2899)
contains.

Yxy(9.9387, 0.3247, 0.2908)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(9.9387, 0.3247, 0.2908)$

Conversions

Conversions Part 1

Format	Color
Hex	695263
RGB	105, 82, 99
RGB Percent	41%, 32%, 39%
CMY	0.5882, 0.6785, 0.6117
CMYK	0.00, 0.22, 0.06, 0.59
HSL	316°, 12%, 37%
HSV	316°, 22%, 41%
XYZ	11.0973, 9.9387, 13.1411
YIQ	90.8150, 8.2510, 10.1630

Conversions

Conversions Part 2

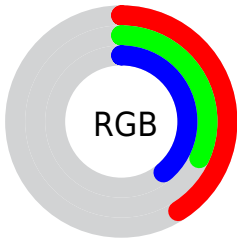
Format	Color
R _Y B	105, 82, 99
Decimal	6902371
CIE Lab	37.73, 12.77, -6.20
CIE LCh	38, 14.197, 334.127
Yxy	9.9387, 0.3247, 0.2908
Android (android.graphics.Color)	4285092451 (0xFF695263)
YUV	90.8150, 4.0352, 12.4402
Hunter-Lab	31.5257, 7.6635, -2.6463

Details

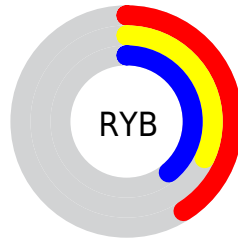
The Yxy color **9.9387, 0.3247, 0.2908** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.6053, 0.3026, 0.3705**, and the grayscale version is **10.4076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **25.7725, 0.3208, 0.3010**, and **2.4500, 0.3278, 0.2685** is the 20% darker color. If you saturate the color by 10%, you get **8.4233, 0.3315, 0.2728**, and if you desaturate by 10%, it is **11.6993, 0.3188, 0.3086**.

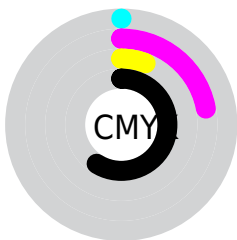
Distribution



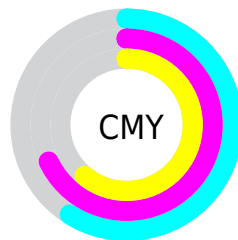
- Red (41%)
- Green (32%)
- Blue (39%)



- Red (41%)
- Yellow (32%)
- Blue (39%)



- Cyan (0%)
- Magenta (22%)
- Yellow (6%)
- Black (59%)





- Cyan (59%)
- Magenta (68%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 9.9387, 0.3247, 0.2908 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 9.9387, 0.3247, 0.2908 by changing the saturation by 10% instead.


 9.9387, 0.3247,
0.2908


 9.9387, 0.3247,
0.2908


190.2340, 0.3175,
0.3142


 5.3583, 0.3271,
0.2827


 25.6801, 0.3217,
0.3007


 2.4590, 0.3308,
0.2704

 37.6100, 0.3207,
0.3039


 0.8560, 0.3370,
0.2490

 52.7585, 0.3199,
0.3065

 0.0000, 0.3142,
0.0000

 71.5100, 0.3192,
0.3086

 0.0000, 0.0000,
0.0000

 94.2489, 0.3187,
0.3104

121.3596, 0.3182,

0.3118

153.2265, 0.3178,
0.3131

■ 9.9387, 0.3247,
0.2908

■ 9.9387, 0.3247,
0.2908

■ 8.4233, 0.3315,
0.2728

■ 11.6993, 0.3188,
0.3086

■ 7.1406, 0.3392,
0.2551

■ 13.7139, 0.3136,
0.3258

■ 6.0794, 0.3477,
0.2384

■ 15.9928, 0.3092,
0.3421

■ 5.2266, 0.3570,
0.2235

■ 18.5452, 0.3055,
0.3575

■ 4.5680, 0.3668,
0.2112

■ 21.3798, 0.3023,
0.3717

■ 4.0876, 0.3769,
0.2026

■ 24.5050, 0.2996,
0.3849

■ 3.7653, 0.3870,
0.1979

■ 27.9288, 0.2974,
0.3971

■ 3.5492, 0.3954,
0.1952

■ 31.6590, 0.2955,
0.4083

■ 35.7028, 0.2939,
0.4185

Harmonies

Analogous

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



9.9387, 0.2914, 0.2770



9.9387, 0.3247, 0.2908



9.9387, 0.3561, 0.3136

Triad

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



9.9387, 0.3247, 0.2908



9.9387, 0.3608, 0.3846



9.9387, 0.2535, 0.3118

Complementary

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



9.9387, 0.3247, 0.2908



12.6053, 0.3026, 0.3705

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.



9.9387, 0.2701, 0.3434



9.9387, 0.3247, 0.2908



9.9387, 0.3316, 0.3875

Square

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



9.9387, 0.3247, 0.2908



9.9387, 0.3773, 0.3668



9.9387, 0.2984, 0.3722



9.9387, 0.2518, 0.2873

Rectangle

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



9.9387, 0.3247, 0.2908



9.9387, 0.3711, 0.3316



9.9387, 0.2984, 0.3722



9.9387, 0.2575, 0.3219

Sweetspot

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



9.9391, 0.3247, 0.2908



22.5865, 0.3162, 0.3168



9.1164, 0.2873, 0.2737



5.2630, 0.3164, 0.3162



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

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



9.9391, 0.3247, 0.2908



16.4285, 0.3279, 0.2821



9.7385, 0.3436, 0.3158



3.1511, 0.3172, 0.3137



4.4860, 0.3965, 0.1958



22.7105, 0.4018, 0.1987

Inverse Universe

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



9.9391, 0.3247, 0.2908



16.4285, 0.3279, 0.2821



12.8066, 0.2889, 0.3426



3.1511, 0.3172, 0.3137



4.4860, 0.3965, 0.1958



22.7105, 0.4018, 0.1987

Previews

White Background



This preview shows how the Yxy color 9.9387, 0.3247, 0.2908 looks on a white 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 ✓ Pass

Black Background



This preview shows how the Yxy color 9.9387, 0.3247, 0.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 9.9387, 0.3247, 0.2908

Background



This preview shows how black text looks on a background with the Yxy color 9.9387, 0.3247, 0.2908.



This preview shows how white text looks on a background with the Yxy color 9.9387, 0.3247, 0.2908.

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

9.9387, 0.3247, 0.2908

Protanopia

9.9372, 0.2880, 0.2927

Deuteranopia

10.0254, 0.3059, 0.3028



Tritanopia

10.0219, 0.3374, 0.3153

Trichromacy



Original Color

9.9387, 0.3247, 0.2908

Protanomaly

9.9420, 0.3000, 0.2913

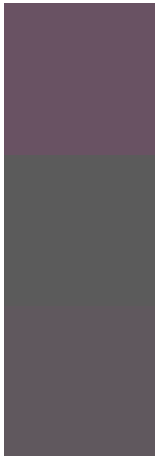
Deuteranomaly

9.9202, 0.3125, 0.2986

Tritanomaly

9.9199, 0.3326, 0.3062

Monochromacy



Original Color

9.9387, 0.3247, 0.2908

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.2744, 0.3166, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 9.9387, 0.3247, 0.2908 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(105, 82, 99)` looks like.

```
.text, #text, p{  
    color:rgb(105, 82, 99)  
}
```

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(105, 82, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 82, 99) }
```

Border

The CSS property to change the border of an element to Yxy 9.9387, 0.3247, 0.2908 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(105, 82, 99) }
```

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

```
.border{ border-color:rgb(105, 82, 99) }
```

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

Here you see how a box with a 4 pixel rgb(105, 82, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 82, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 82, 99);  
box-shadow:4px 4px 4px 4px rgb(105, 82,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 9.9387, 0.3247, 0.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 82, 99) }
```

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

```
.background{ background-color: rgb(105, 82,  
99) }
```

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