

Converting Colors

$Y_{xy}(25.8503, 0.3457, 0.3038)$

Have a look what the booklet for
Yxy(25.8503, 0.3457, 0.3038)
contains.

Yxy(25.8503, 0.3457, 0.3038)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.8503, 0.3457, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	AB7F90
RGB	171, 127, 144
RGB Percent	67%, 50%, 56%
CMY	0.3295, 0.5019, 0.4353
CMYK	0.00, 0.26, 0.16, 0.33
HSL	337°, 21%, 58%
HSV	337°, 26%, 67%
XYZ	29.4156, 25.8503, 29.8240
YIQ	142.0940, 20.7670, 14.6150

Conversions

Conversions Part 2

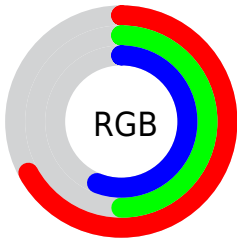
Format	Color
R_{YB}	171, 127, 144
Decimal	11239312
CIE _{Lab}	57.89, 19.70, -2.48
CIE _{LCh}	58, 19.852, 352.817
Yxy	25.8503, 0.3457, 0.3038
Android (android.graphics.Color)	4289429392 (0xFFAB7F90)
YUV	142.0940, 0.9397, 25.3506
Hunter-Lab	50.8432, 14.2964, 0.8114

Details

The Yxy color **25.8503, 0.3457, 0.3038** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **35.9665, 0.2883, 0.3558**, and the grayscale version is **27.0798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0506, 0.3386, 0.3087**, and **9.9675, 0.3574, 0.2933** is the 20% darker color. If you saturate the color by 10%, you get **21.4967, 0.3635, 0.2935**, and if you desaturate by 10%, it is **30.9856, 0.3309, 0.3140**.

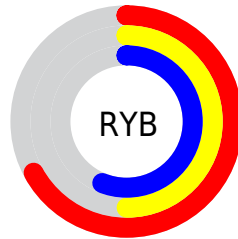
Distribution



Red (67%)

Green (50%)

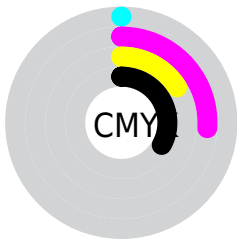
Blue (56%)



Red (67%)

Yellow (50%)

Blue (56%)

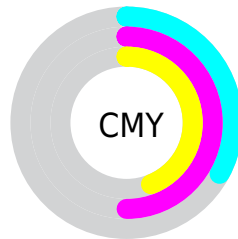


Cyan (0%)

Magenta (26%)

Yellow (16%)

Black (33%)



Cyan (33%)


Magenta (50%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8503, 0.3457, 0.3038 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 25.8503, 0.3457, 0.3038 by changing the saturation by 10% instead.


 25.8503, 0.3457,
0.3038


 25.8503, 0.3457,
0.3038


282.0464, 0.3277,
0.3175


 16.7117, 0.3508,
0.3000

 53.0333, 0.3387,
0.3090

 10.0291, 0.3577,
0.2948


 71.8466, 0.3363,
0.3109

 5.4183, 0.3677,
0.2875

 94.6534, 0.3342,
0.3125

 2.4947, 0.3834,
0.2760

121.8384, 0.3325,
0.3138

 0.8740, 0.4115,
0.2561

153.7857, 0.3310,
0.3149

 0.0000, 1.0000,
0.0000

190.8799, 0.3298,

 0.0000, 0.0000,

0.3159

0.0000

233.5054, 0.3287,
0.3167

■ 25.8503, 0.3457,
0.3038

■ 25.8503, 0.3457,
0.3038

■ 21.4967, 0.3635,
0.2935

■ 30.9856, 0.3309,
0.3140

■ 17.8827, 0.3848,
0.2836

■ 36.9350, 0.3187,
0.3237

■ 14.9675, 0.4096,
0.2748

■ 43.7333, 0.3087,
0.3328

■ 12.7048, 0.4377,
0.2682

■ 51.4124, 0.3004,
0.3413

■ 11.0429, 0.4682,
0.2650

■ 60.0024, 0.2936,
0.3490

■ 9.9217, 0.4995,
0.2663

■ 69.5320, 0.2880,
0.3562

■ 9.2644, 0.5295,
0.2726

■ 80.0285, 0.2834,
0.3626

■ 9.0504, 0.5420,
0.2759

■ 85.7748, 0.2788,
0.3593

■ 86.3752, 0.2736,
0.3473

Harmonies

Analogous

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



25.8503, 0.3118, 0.2836



25.8503, 0.3457, 0.3038



25.8503, 0.3713, 0.3304

Triad

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



25.8503, 0.3457, 0.3038



25.8503, 0.3441, 0.3896



25.8503, 0.2496, 0.2947

Complementary

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



25.8503, 0.3457, 0.3038



35.9665, 0.2883, 0.3558

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.



25.8503, 0.2572, 0.3232



25.8503, 0.3457, 0.3038



25.8503, 0.3108, 0.3809

Square

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



25.8503, 0.3457, 0.3038



25.8503, 0.3698, 0.3801



25.8503, 0.2792, 0.3557



25.8503, 0.2576, 0.2774

Rectangle

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



25.8503, 0.3457, 0.3038



25.8503, 0.3793, 0.3490



25.8503, 0.2792, 0.3557



25.8503, 0.2504, 0.3032

Sweetspot

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



25.8515, 0.3457, 0.3038



63.4412, 0.3214, 0.3214



24.9322, 0.2965, 0.2626



13.7878, 0.3232, 0.3200



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



25.8515, 0.3457, 0.3038



41.5942, 0.3557, 0.2978



26.5315, 0.3644, 0.3358



8.0647, 0.3228, 0.3203



6.8335, 0.5394, 0.2745



0.2010, 0.4585, 0.2300

Inverse Universe

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



25.8515, 0.3457, 0.3038



41.5942, 0.3557, 0.2978



34.9396, 0.2751, 0.3221



8.0647, 0.3228, 0.3203



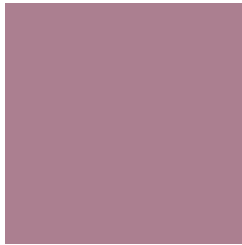
6.8335, 0.5394, 0.2745



0.2010, 0.4585, 0.2300

Previews

White Background



This preview shows how the Yxy color 25.8503, 0.3457, 0.3038 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 25.8503, 0.3457, 0.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

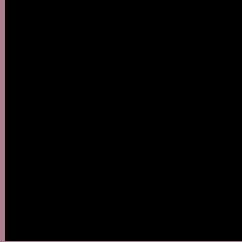
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8503, 0.3457, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 25.8503, 0.3457, 0.3038.



This preview shows how white text looks on a background with the Yxy color 25.8503, 0.3457, 0.3038.

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

25.8503, 0.3457, 0.3038

Protanopia

25.9003, 0.3009, 0.3077

Deuteranopia

25.8602, 0.3233, 0.3178



Tritanopia

25.8194, 0.3513, 0.3141

Trichromacy



Original Color

25.8503, 0.3457, 0.3038

Protanomaly

25.7676, 0.3171, 0.3068

Deuteranomaly

25.7548, 0.3307, 0.3119

Tritanomaly

25.8778, 0.3490, 0.3111

Monochromacy



Original Color

25.8503, 0.3457, 0.3038

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.6468, 0.3243, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8503, 0.3457, 0.3038 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(171, 127, 144)` looks like.

```
.text, #text, p{  
    color:rgb(171, 127, 144)  
}
```

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(171, 127, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 127, 144) }
```

Border

The CSS property to change the border of an element to Yxy 25.8503, 0.3457, 0.3038 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(171, 127, 144) }
```

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

```
.border{ border-color:rgb(171, 127, 144) }
```

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

Here you see how a box with a 4 pixel rgb(171, 127, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 127, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 127, 144);  
box-shadow:4px 4px 4px 4px rgb(171, 127,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8503, 0.3457, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 127, 144) }
```

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

```
.background{ background-color: rgb(171,  
127, 144) }
```

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