

Converting Colors

$Y_{xy}(25.7931, 0.3413, 0.3157)$

Have a look what the booklet for
Yxy(25.7931, 0.3413, 0.3157)
contains.

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Color

Yxy(25.8832, 0.3412, 0.3167)

Conversions

Conversions Part 1	
Format	Color
Hex	A3838B
RGB	163, 131, 139
RGB Percent	64%, 51%, 55%
CMY	0.3607, 0.4863, 0.4548
CMYK	0.00, 0.20, 0.15, 0.36
HSL	345°, 15%, 58%
HSV	345°, 20%, 64%
XYZ	27.8855, 25.8832, 27.9591
YIQ	141.4800, 16.5040, 9.2720

Conversions

Conversions Part 2

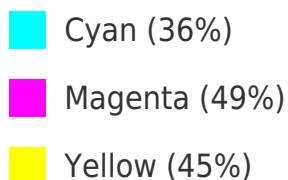
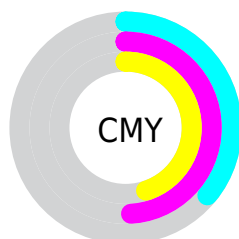
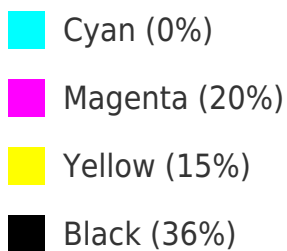
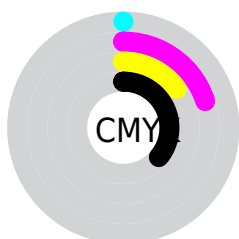
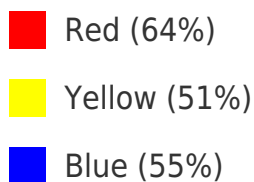
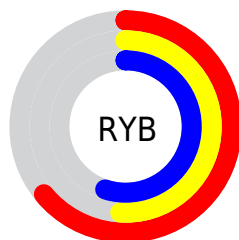
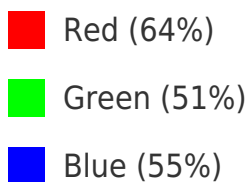
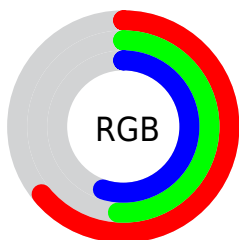
Format	Color
RYB	163, 131, 139
Decimal	10716043
CIELab	57.93, 13.59, 0.34
CIELCh	58, 13.596, 1.423
Yxy	25.8832, 0.3412, 0.3167
Android (android.graphics.Color)	4288906123 (0xFFA3838B)
YUV	141.4800, -1.2226, 18.8730
Hunter-Lab	50.8755, 8.8059, 3.0295

Details

The Yxy color $25.8832, 0.3412, 0.3167$ is a dark color, and the websafe version is hex $CC9999$. A complement of this color would be $33.3946, 0.2904, 0.3417$, and the grayscale version is $26.8360, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.9922, 0.3353, 0.3198$, and $9.9856, 0.3524, 0.3114$ is the 20% darker color. If you saturate the color by 10%, you get $21.5072, 0.3607, 0.3100$, and if you desaturate by 10%, it is $30.9905, 0.3253, 0.3232$.


Distribution



Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8832, 0.3412, 0.3167 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 25.8832, 0.3412, 0.3167 by changing the saturation by 10% instead.

 25.8832, 0.3412,
0.3167


 25.8832, 0.3412,
0.3167


282.2082, 0.3256,
0.3235


 16.7363, 0.3457,
0.3148


 53.0865, 0.3351,
0.3193

 10.0466, 0.3518,
0.3121


 71.9116, 0.3330,
0.3203

 5.4299, 0.3607,
0.3082


 94.7316, 0.3312,
0.3210

 2.5016, 0.3748,
0.3020

121.9308, 0.3297,
0.3217

 0.8775, 0.4006,
0.2907

153.8937, 0.3284,
0.3222

 0.0000, 1.0000,
0.0000

191.0047, 0.3273,

 0.0000, 0.0000,

0.3227


0.0000

233.6480, 0.3264,
0.3231


 25.8832, 0.3412,
0.3167


 25.8832, 0.3412,
0.3167


 21.5072, 0.3607,
0.3100

 30.9905, 0.3253,
0.3232

 17.8254, 0.3844,
0.3034


 36.8569, 0.3123,
0.3292

 14.8032, 0.4127,
0.2973


 43.5129, 0.3017,
0.3348

 12.4009, 0.4457,
0.2925


 50.9865, 0.2931,
0.3399


 10.5752, 0.4824,
0.2899


 59.3042, 0.2860,
0.3446


 9.2767, 0.5209,
0.2905


 68.4912, 0.2802,
0.3489


 8.4478, 0.5576,
0.2951

 78.5719, 0.2753,
0.3528

 7.9637, 0.5895,
0.3025

 85.4096, 0.2705,
0.3494

 7.9482, 0.5906,
0.3027

 86.1474, 0.2647,
0.3355

Harmonies

Analogous

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



25.8832, 0.3192, 0.3007



25.8832, 0.3412, 0.3167



25.8832, 0.3556, 0.3361

Triad

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



25.8832, 0.3412, 0.3167



25.8832, 0.3283, 0.3695



25.8832, 0.2693, 0.3014

Complementary

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



25.8832, 0.3412, 0.3167



33.3946, 0.2904, 0.3417

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.



25.8832, 0.2716, 0.3194



25.8832, 0.3412, 0.3167



25.8832, 0.3051, 0.3600

Square

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



25.8832, 0.3412, 0.3167



25.8832, 0.3478, 0.3671



25.8832, 0.2845, 0.3411



25.8832, 0.2781, 0.2916

Rectangle

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



25.8832, 0.3412, 0.3167



25.8832, 0.3587, 0.3488



25.8832, 0.2845, 0.3411



25.8832, 0.2688, 0.3066

Sweetspot

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



25.8844, 0.3412, 0.3167



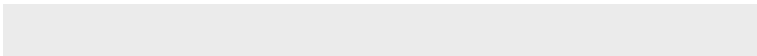
59.0400, 0.3204, 0.3253



25.7933, 0.3056, 0.2801



13.1194, 0.3212, 0.3250



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



25.8844, 0.3412, 0.3167



42.4235, 0.3501, 0.3135



27.7389, 0.3483, 0.3406



7.1137, 0.3247, 0.3234



6.1815, 0.5883, 0.3015



0.1370, 0.4942, 0.2496

Inverse Universe

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



25.8844, 0.3412, 0.3167



42.4235, 0.3501, 0.3135



31.0964, 0.2833, 0.3170



7.1137, 0.3247, 0.3234



6.1815, 0.5883, 0.3015



0.1370, 0.4942, 0.2496

Previews

White Background



This preview shows how the Yxy color 25.8832, 0.3412, 0.3167 looks on a white background.

Color Contrast Check

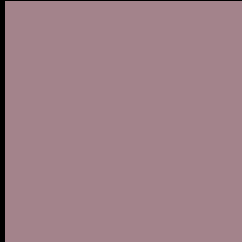
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8832, 0.3412, 0.3167 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 25.8832, 0.3412, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 25.8832, 0.3412, 0.3167.



This preview shows how white text looks on a background with the Yxy color 25.8832, 0.3412, 0.3167.

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

25.8832, 0.3412, 0.3167

Protanopia

26.1111, 0.3109, 0.3224

Deuteranopia

25.9352, 0.3299, 0.3243



Tritanopia

25.9422, 0.3389, 0.3137

Trichromacy



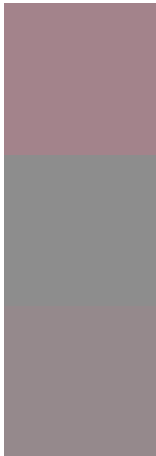
Original Color
25.8832, 0.3412, 0.3167

Protanomaly
25.9509, 0.3210, 0.3194

Deuteranomaly
26.0533, 0.3347, 0.3228

Tritanomaly
25.9126, 0.3401, 0.3152

Monochromacy



Original Color
25.8832, 0.3412, 0.3167

Achromatopsia
26.6356, 0.3127, 0.3290

Achromatomaly
26.1743, 0.3229, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8832, 0.3412, 0.3167 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(163, 131, 139) looks like.

```
.text, #text, p{  
    color:rgb(163, 131, 139)  
}
```

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(163, 131, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 131, 139) }
```

Border

The CSS property to change the border of an element to Yxy 25.8832, 0.3412, 0.3167 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(163, 131, 139) }
```

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

```
.border{ border-color:rgb(163, 131, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 131, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 131, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 131, 139);  
box-shadow:4px 4px 4px 4px rgb(163, 131,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8832, 0.3412, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 131, 139) }
```

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

```
.background{ background-color: rgb(163,  
131, 139) }
```

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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