

Converting Colors

$Y_{xy}(25.8643, 0.3815, 0.3207)$

Have a look what the booklet for
Yxy(25.8643, 0.3815, 0.3207)
contains.

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Color

Yxy(25.9412, 0.3808, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	B87B81
RGB	184, 123, 129
RGB Percent	72%, 48%, 51%
CMY	0.2785, 0.5176, 0.4940
CMYK	0.00, 0.33, 0.30, 0.28
HSL	354°, 30%, 60%
HSV	354°, 33%, 72%
XYZ	30.8123, 25.9412, 24.1611
YIQ	141.9230, 34.4300, 14.7980

Conversions

Conversions Part 2

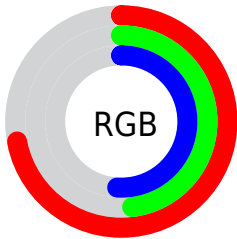
Format	Color
RYB	184, 123, 129
Decimal	12090241
CIELab	57.98, 24.59, 6.47
CIElCh	58, 25.430, 14.742
Yxy	25.9412, 0.3808, 0.3206
Android (android.graphics.Color)	4290280321 (0xFFB87B81)
YUV	141.9230, -6.3710, 36.9015
Hunter-Lab	50.9325, 18.8539, 7.5271

Details

The Yxy color **25.9412, 0.3808, 0.3206** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.7018, 0.2701, 0.3378**, and the grayscale version is **27.0348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1288, 0.3658, 0.3226**, and **10.0114, 0.4059, 0.3154** is the 20% darker color. If you saturate the color by 10%, you get **21.3923, 0.4123, 0.3181**, and if you desaturate by 10%, it is **31.4220, 0.3550, 0.3232**.

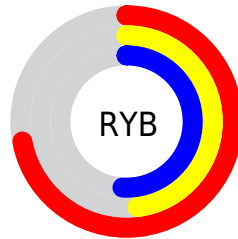
Distribution



Red (72%)

Green (48%)

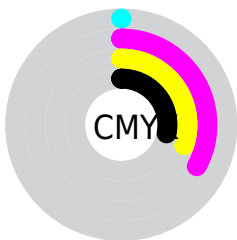
Blue (51%)



Red (72%)

Yellow (48%)

Blue (51%)

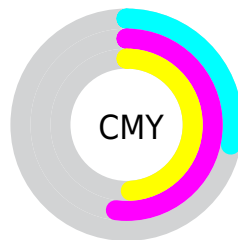


Cyan (0%)

Magenta (33%)

Yellow (30%)

Black (28%)



Cyan (28%)


Magenta (52%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9412, 0.3808, 0.3206 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 25.9412, 0.3808, 0.3206 by changing the saturation by 10% instead.


 25.9412, 0.3808,
0.3206


 25.9412, 0.3808,
0.3206


282.4933, 0.3432,
0.3258


 16.7797, 0.3916,
0.3188

 53.1801, 0.3662,
0.3228

 10.0775, 0.4063,
0.3163


 72.0262, 0.3610,
0.3235

 5.4504, 0.4278,
0.3121

 94.8693, 0.3567,
0.3241

 2.5139, 0.4615,
0.3048

122.0938, 0.3531,
0.3246

 0.8836, 0.5335,
0.2959

154.0840, 0.3501,
0.3250

 0.0000, 1.0000,
0.0000


191.2244, 0.3474,

 0.0000, 0.0000,


0.3253

0.0000


233.8994, 0.3452,
0.3256


 25.9412, 0.3808,
0.3206


 25.9412, 0.3808,
0.3206


 21.3923, 0.4123,
0.3181

 31.4220, 0.3550,
0.3232


 17.7201, 0.4498,
0.3161


 37.8786, 0.3341,
0.3258


 14.8690, 0.4923,
0.3150


 45.3567, 0.3173,
0.3283


 12.7758, 0.5372,
0.3153

 53.8979, 0.3038,
0.3305


 11.3679, 0.5794,
0.3174

 63.5415, 0.2928,
0.3326

 10.5586, 0.6126,
0.3213

 74.3249, 0.2839,
0.3345

 10.2334, 0.6287,
0.3237

 86.2836, 0.2767,
0.3362

 88.9292, 0.2721,
0.3289

Harmonies

Analogous

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



25.9412, 0.3435, 0.2893



25.9412, 0.3808, 0.3206



25.9412, 0.3986, 0.3555

Triad

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



25.9412, 0.3808, 0.3206



25.9412, 0.3212, 0.4019



25.9412, 0.2386, 0.2676

Complementary

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



25.9412, 0.3808, 0.3206



41.7018, 0.2701, 0.3378

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.



25.9412, 0.2338, 0.2930



25.9412, 0.3808, 0.3206



25.9412, 0.2796, 0.3740

Square

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



25.9412, 0.3808, 0.3206



25.9412, 0.3624, 0.4054



25.9412, 0.2482, 0.3322



25.9412, 0.2617, 0.2592

Rectangle

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



25.9412, 0.3808, 0.3206



25.9412, 0.3965, 0.3773



25.9412, 0.2482, 0.3322



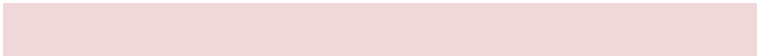
25.9412, 0.2349, 0.2742

Sweetspot

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



25.9424, 0.3808, 0.3206



72.5133, 0.3287, 0.3266



27.0801, 0.3099, 0.2464



15.2403, 0.3312, 0.3262



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



25.9424, 0.3808, 0.3206



40.6742, 0.4040, 0.3187



32.6116, 0.3772, 0.3636



9.0262, 0.3273, 0.3268



7.0586, 0.6268, 0.3227



0.2537, 0.5819, 0.2979

Inverse Universe

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



25.9424, 0.3808, 0.3206



40.6742, 0.4040, 0.3187



32.6739, 0.2616, 0.2915



9.0262, 0.3273, 0.3268



7.0586, 0.6268, 0.3227



0.2537, 0.5819, 0.2979

Previews

White Background



This preview shows how the Yxy color 25.9412, 0.3808, 0.3206 looks on a white background.

Color Contrast Check

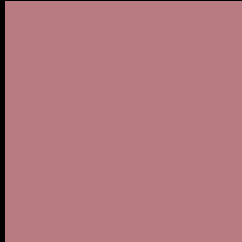
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9412, 0.3808, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

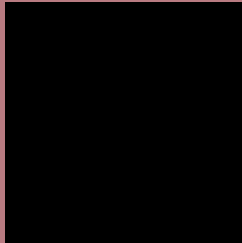
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9412, 0.3808, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 25.9412, 0.3808, 0.3206.



This preview shows how white text looks on a background with the Yxy color 25.9412, 0.3808, 0.3206.

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

25.9412, 0.3808, 0.3206

Protanopia

26.1399, 0.3181, 0.3307

Deuteranopia

26.1294, 0.3479, 0.3418



Tritanopia

26.0222, 0.3771, 0.3164

Trichromacy



Original Color

25.9412, 0.3808, 0.3206

Protanomaly

25.7934, 0.3394, 0.3259

Deuteranomaly

26.0066, 0.3587, 0.3337

Tritanomaly

25.9950, 0.3783, 0.3178

Monochromacy



Original Color

25.9412, 0.3808, 0.3206

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.3022, 0.3356, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9412, 0.3808, 0.3206 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(184, 123, 129)` looks like.

```
.text, #text, p{  
    color:rgb(184, 123, 129)  
}
```

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(184, 123, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 123, 129) }
```

Border

The CSS property to change the border of an element to Yxy 25.9412, 0.3808, 0.3206 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(184, 123, 129) }
```

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

```
.border{ border-color:rgb(184, 123, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 123, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 123, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 123, 129);  
box-shadow:4px 4px 4px 4px rgb(184, 123,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9412, 0.3808, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 123, 129) }
```

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

```
.background{ background-color: rgb(184,  
123, 129) }
```

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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