

Converting Colors

$Y_{xy}(25.8706, 0.3724, 0.3141)$

Have a look what the booklet for
Yxy(25.8706, 0.3724, 0.3141)
contains.

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Color

Yxy(25.8322, 0.3721, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	B67B86
RGB	182, 123, 134
RGB Percent	71%, 48%, 53%
CMY	0.2864, 0.5176, 0.4745
CMYK	0.00, 0.32, 0.26, 0.29
HSL	349°, 29%, 60%
HSV	349°, 32%, 71%
XYZ	30.6706, 25.8322, 25.9229
YIQ	141.8950, 31.6330, 15.9290

Conversions

Conversions Part 2

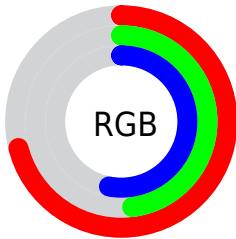
Format	Color
R_{YB}	182, 123, 134
Decimal	11959174
CIE _{Lab}	57.88, 24.51, 3.42
CIE _{LCh}	58, 24.750, 7.938
Yxy	25.8322, 0.3721, 0.3134
Android (android.graphics.Color)	4290149254 (0xFFB67B86)
YUV	141.8950, -3.8922, 35.1721
Hunter-Lab	50.8254, 18.7714, 5.3376

Details

The Yxy color $25.8322, 0.3721, 0.3134$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $40.5929, 0.2744, 0.3455$, and the grayscale version is $27.0133, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.9892, 0.3595, 0.3170$, and $10.0102, 0.3943, 0.3054$ is the 20% darker color. If you saturate the color by 10%, you get $21.3450, 0.3998, 0.3086$, and if you desaturate by 10%, it is $31.2188, 0.3493, 0.3184$.

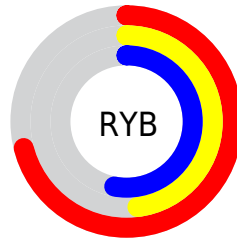
Distribution



Red (71%)

Green (48%)

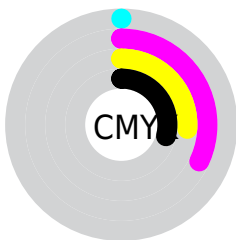
Blue (53%)



Red (71%)

Yellow (48%)

Blue (53%)

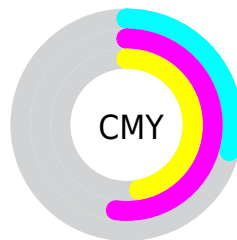


Cyan (0%)

Magenta (32%)

Yellow (26%)

Black (29%)



Cyan (29%)


Magenta (52%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8322, 0.3721, 0.3134 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 25.8322, 0.3721, 0.3134 by changing the saturation by 10% instead.


 25.8322, 0.3721,
0.3134


 25.8322, 0.3721,
0.3134


281.9574, 0.3393,
0.3223


 16.6982, 0.3815,
0.3107


 53.0041, 0.3594,
0.3169

 10.0195, 0.3943,
0.3070


 71.8108, 0.3549,
0.3182

 5.4119, 0.4129,
0.3014

 94.6104, 0.3511,
0.3192

 2.4909, 0.4423,
0.2922

121.7875, 0.3480,
0.3200

 0.8721, 0.4986,
0.2763

153.7263, 0.3454,
0.3207

 0.0000, 1.0000,
0.0000

190.8113, 0.3431,

 0.0000, 0.0000,

0.3213

0.0000

233.4269, 0.3411,
0.3218

■ 25.8322, 0.3721,
0.3134

■ 25.8322, 0.3721,
0.3134

■ 21.3450, 0.3998,
0.3086

■ 31.2188, 0.3493,
0.3184

■ 17.7045, 0.4328,
0.3043

■ 37.5465, 0.3308,
0.3233

■ 14.8585, 0.4708,
0.3015


■ 44.8585, 0.3159,
0.3279

■ 12.7469, 0.5120,
0.3008


■ 53.1945, 0.3037,
0.3322


■ 11.3016, 0.5530,
0.3032


■ 62.5919, 0.2939,
0.3361


 10.4411, 0.5888,
0.3087

 73.0863, 0.2858,
0.3397

 10.0553, 0.6108,
0.3138

 84.7115, 0.2792,
0.3429

 88.5181, 0.2723,
0.3316

 88.6805, 0.2711,
0.3289

Harmonies

Analogous

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



25.8322, 0.3330, 0.2844



25.8322, 0.3721, 0.3134



25.8322, 0.3946, 0.3473

Triad

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



25.8322, 0.3721, 0.3134



25.8322, 0.3307, 0.4030



25.8322, 0.2377, 0.2733

Complementary

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



25.8322, 0.3721, 0.3134



40.5929, 0.2744, 0.3455

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.



25.8322, 0.2372, 0.3018



25.8322, 0.3721, 0.3134



25.8322, 0.2891, 0.3807

Square

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



25.8322, 0.3721, 0.3134



25.8322, 0.3690, 0.4010



25.8322, 0.2554, 0.3417



25.8322, 0.2564, 0.2613

Rectangle

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



25.8322, 0.3721, 0.3134



25.8322, 0.3963, 0.3693



25.8322, 0.2554, 0.3417



25.8322, 0.2354, 0.2811

Sweetspot

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



25.8334, 0.3721, 0.3134



70.8921, 0.3272, 0.3244



26.1131, 0.3037, 0.2467



15.2669, 0.3295, 0.3237



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.



25.8334, 0.3721, 0.3134



40.7823, 0.3917, 0.3098



30.3340, 0.3779, 0.3545



9.0388, 0.3259, 0.3248



7.1116, 0.6083, 0.3125



0.2590, 0.5407, 0.2753

Inverse Universe

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



25.8334, 0.3721, 0.3134



40.7823, 0.3917, 0.3098



34.2400, 0.2639, 0.3018



9.0388, 0.3259, 0.3248



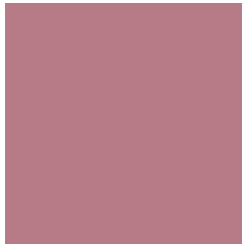
7.1116, 0.6083, 0.3125



0.2590, 0.5407, 0.2753

Previews

White Background



This preview shows how the Yxy color 25.8322, 0.3721, 0.3134 looks on a white background.

Color Contrast Check

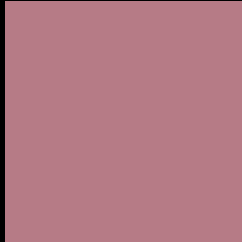
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8322, 0.3721, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

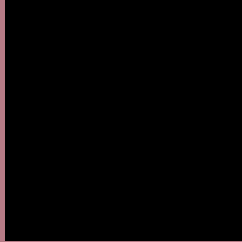
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8322, 0.3721, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 25.8322, 0.3721, 0.3134.



This preview shows how white text looks on a background with the Yxy color 25.8322, 0.3721, 0.3134.

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

25.8322, 0.3721, 0.3134

Protanopia

26.1111, 0.3109, 0.3224

Deuteranopia

26.0618, 0.3400, 0.3339



Tritanopia

25.8045, 0.3734, 0.3148

Trichromacy



Original Color

25.8322, 0.3721, 0.3134

Protanomaly

25.7364, 0.3315, 0.3180

Deuteranomaly

25.9254, 0.3504, 0.3260

Tritanomaly

25.8045, 0.3734, 0.3148

Monochromacy



Original Color

25.8322, 0.3721, 0.3134

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.3601, 0.3334, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8322, 0.3721, 0.3134 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(182, 123, 134)` looks like.

```
.text, #text, p{  
    color:rgb(182, 123, 134)  
}
```

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(182, 123, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 123, 134) }
```

Border

The CSS property to change the border of an element to Yxy 25.8322, 0.3721, 0.3134 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(182, 123, 134) }
```

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

```
.border{ border-color:rgb(182, 123, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 123, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 123, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 123, 134);  
box-shadow:4px 4px 4px 4px rgb(182, 123,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8322, 0.3721, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 123, 134) }
```

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

```
.background{ background-color: rgb(182,  
123, 134) }
```

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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