

Converting Colors

$Y_{xy}(24.7610, 0.3906, 0.3199)$

Have a look what the booklet for
Yxy(24.7610, 0.3906, 0.3199)
contains.

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Color

Yxy(24.7264, 0.3907, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	B9767C
RGB	185, 118, 124
RGB Percent	73%, 46%, 49%
CMY	0.2745, 0.5372, 0.5137
CMYK	0.00, 0.36, 0.33, 0.27
HSL	355°, 32%, 59%
HSV	355°, 36%, 73%
XYZ	30.1235, 24.7264, 22.2514
YIQ	138.7170, 38.0060, 16.0700

Conversions

Conversions Part 2

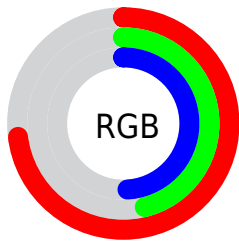
Format	Color
R_{YB}	185, 118, 124
Decimal	12154492
CIE _{Lab}	56.81, 27.07, 7.73
CIE _{LCh}	57, 28.153, 15.928
Yxy	24.7264, 0.3907, 0.3207
Android (android.graphics.Color)	4290344572 (0xFFB9767C)
YUV	138.7170, -7.2555, 40.5902
Hunter-Lab	49.7256, 21.1143, 8.2766

Details

The Yxy color **24.7264, 0.3907, 0.3207** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.8045, 0.2663, 0.3378**, and the grayscale version is **25.7223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3151, 0.3745, 0.3237**, and **9.3881, 0.4218, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **20.3987, 0.4245, 0.3186**, and if you desaturate by 10%, it is **29.9837, 0.3629, 0.3231**.

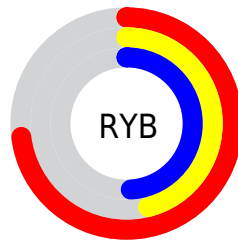
Distribution



Red (73%)

Green (46%)

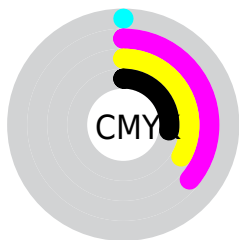
Blue (49%)



Red (73%)

Yellow (46%)

Blue (49%)

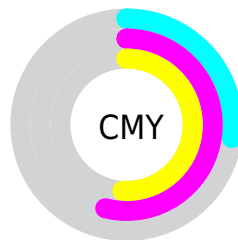


Cyan (0%)

Magenta (36%)

Yellow (33%)

Black (27%)



Cyan (27%)

Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7264, 0.3907, 0.3207 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 24.7264, 0.3907, 0.3207 by changing the saturation by 10% instead.


 24.7264, 0.3907,
0.3207


 24.7264, 0.3907,
0.3207


276.4726, 0.3473,
0.3261


 15.8733, 0.4033,
0.3188


 51.2130, 0.3737,
0.3231

 9.4346, 0.4206,
0.3159


 69.6154, 0.3677,
0.3238

 5.0257, 0.4458,
0.3111

 91.9696, 0.3628,
0.3244

 2.2624, 0.4859,
0.3023

118.6601, 0.3587,
0.3249

 0.7537, 0.5917,
0.2976

150.0712, 0.3552,
0.3253

 0.0000, 1.0000,
0.0000

186.5874, 0.3522,

 0.0000, 0.0000,

0.3256

0.0000

228.5931, 0.3496,
0.3259

■ 24.7264, 0.3907,
0.3207

■ 24.7264, 0.3907,
0.3207

■ 20.3987, 0.4245,
0.3186

■ 29.9837, 0.3629,
0.3231

■ 16.9433, 0.4641,
0.3170

■ 36.2167, 0.3403,
0.3254

■ 14.3018, 0.5082,
0.3163


■ 43.4726, 0.3222,
0.3277


■ 12.4075, 0.5531,
0.3172


■ 51.7943, 0.3076,
0.3298

■ 11.1828, 0.5931,
0.3197


■ 61.2227, 0.2958,
0.3317

 10.5278, 0.6220,
0.3236

 71.7961, 0.2862,
0.3334

 10.3531, 0.6301,
0.3245

 83.5512, 0.2784,
0.3350

 89.0541, 0.2726,
0.3289

Harmonies

Analogous

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



24.7264, 0.3490, 0.2859



24.7264, 0.3907, 0.3207



24.7264, 0.4096, 0.3594

Triad

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



24.7264, 0.3907, 0.3207



24.7264, 0.3199, 0.4110



24.7264, 0.2308, 0.2594

Complementary

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



24.7264, 0.3907, 0.3207



41.8045, 0.2663, 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.



24.7264, 0.2246, 0.2867



24.7264, 0.3907, 0.3207



24.7264, 0.2736, 0.3783

Square

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



24.7264, 0.3907, 0.3207



24.7264, 0.3664, 0.4154



24.7264, 0.2395, 0.3303



24.7264, 0.2570, 0.2513

Rectangle

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



24.7264, 0.3907, 0.3207



24.7264, 0.4062, 0.3837



24.7264, 0.2395, 0.3303



24.7264, 0.2264, 0.2664

Sweetspot

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



24.7276, 0.3907, 0.3207



71.1708, 0.3307, 0.3266



25.9616, 0.3095, 0.2387



14.9709, 0.3331, 0.3263



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.



24.7276, 0.3907, 0.3207



38.3292, 0.4154, 0.3191



31.8130, 0.3849, 0.3669



9.0249, 0.3274, 0.3270



7.0545, 0.6283, 0.3235



0.2531, 0.5868, 0.3006

Inverse Universe

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



24.7276, 0.3907, 0.3207



38.3292, 0.4154, 0.3191



31.8773, 0.2569, 0.2874



9.0249, 0.3274, 0.3270



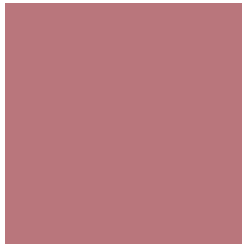
7.0545, 0.6283, 0.3235



0.2531, 0.5868, 0.3006

Previews

White Background



This preview shows how the Yxy color 24.7264, 0.3907, 0.3207 looks on a white background.

Color Contrast Check

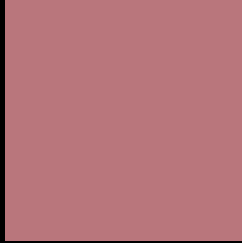
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7264, 0.3907, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

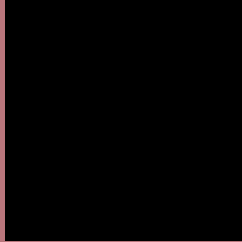
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7264, 0.3907, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 24.7264, 0.3907, 0.3207.



This preview shows how white text looks on a background with the Yxy color 24.7264, 0.3907, 0.3207.

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

24.7264, 0.3907, 0.3207

Protanopia

24.9050, 0.3193, 0.3324

Deuteranopia

24.8762, 0.3509, 0.3453



Tritanopia

24.7775, 0.3881, 0.3178

Trichromacy



Original Color

24.7264, 0.3907, 0.3207

Protanomaly

24.3801, 0.3437, 0.3275

Deuteranomaly

24.7158, 0.3649, 0.3354

Tritanomaly

24.7518, 0.3894, 0.3193

Monochromacy



Original Color

24.7264, 0.3907, 0.3207

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.0217, 0.3387, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7264, 0.3907, 0.3207 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(185, 118, 124)` looks like.

```
.text, #text, p{  
    color:rgb(185, 118, 124)  
}
```

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(185, 118, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 118, 124) }
```

Border

The CSS property to change the border of an element to Yxy 24.7264, 0.3907, 0.3207 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(185, 118, 124) }
```

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

```
.border{ border-color:rgb(185, 118, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 118, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 118, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 118, 124);  
box-shadow:4px 4px 4px 4px rgb(185, 118,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7264, 0.3907, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 118, 124) }
```

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

```
.background{ background-color: rgb(185,  
118, 124) }
```

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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